

> Frame 19847: 433 bytes on wire (3464 bits), 433 bytes captured on interface 0	0000	38 ca 84 d4 37 d5 38 ca 84 d4 97 39 08 00 45 00	80 78 00 00 00 00 00 00 00 00 00 00 00 00 00 00
> Ethernet II, Src: HP_d4:97:39 (38:ca:84:d4:97:39), Dst: 08:00:27:80:00:00	0010	01 a3 97 69 40 00 80 06 f7 90 ac 11 09 1b ac 11	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
> Internet Protocol Version 4, Src: 172.17.9.27, Dst: 172.17.9.27	0020	09 1d 1f 40 c5 f3 5e 12 30 9a 7e 0f e9 0c 50 18	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
> Transmission Control Protocol, Src Port: 8000, Dst Port: 8000	0030	20 14 a6 f5 00 00 48 54 54 50 2f 31 2e 31 20 32	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Source Port: 8000	0040	30 30 20 0d 0a 43 6f 6e 74 65 6e 74 2d 54 79 70	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Destination Port: 50675	0050	65 3a 20 61 70 70 6c 69 63 61 74 69 6f 6e 2f 6a	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
[Stream index: 45]	0060	73 6f 6e 0d 0a 54 72 61 6e 73 66 65 72 2d 45 6e	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
[Conversation completeness: Complete, WITH_DATA (31)]	0070	63 6f 64 69 6e 67 3a 20 63 68 75 6e 6b 65 64 0d	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
[TCP Segment Len: 379]	0080	0a 44 61 74 65 3a 20 53 61 74 2c 20 30 34 20 4d	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Sequence Number: 1 (relative sequence number)	0090	61 72 20 32 30 32 33 20 30 30 3a 33 33 3a 33 31	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Sequence Number (raw): 1578250394	00a0	20 47 4d 54 0d 0a 4b 65 65 70 2d 41 6c 69 76 65	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
[Next Sequence Number: 380 (relative sequence number)]	00b0	3a 20 74 69 6d 65 6f 75 74 3d 36 30 0d 0a 43 6f	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Acknowledgment Number: 268 (relative ack number)	00c0	6e 6e 65 63 74 69 6f 6e 3a 20 6b 65 65 70 2d 61	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Acknowledgment number (raw): 2114971916	00d0	6c 69 76 65 0d 0a 0d 0a 64 33 0d 0a 7b 22 75 73	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
0101 = Header Length: 20 bytes (5)	00e0	65 72 22 3a 7b 22 75 73 65 72 5f 69 64 22 3a 31	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
> Flags: 0x018 (PSH, ACK)	00f0	30 2c 22 75 73 65 72 5f 6e 61 6d 65 22 3a 22 6a	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Window: 8212	0100	6f 73 65 22 2c 22 75 73 65 72 5f 70 61 73 73 77	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
[Calculated window size: 2102272]	0110	6f 72 64 22 3a 22 31 32 33 34 35 36 22 2c 22 75	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
[Window size scaling factor: 256]	0120	73 65 72 5f 65 6d 61 69 6c 22 3a 22 6a 6f 73 65	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Checksum: 0xa6f5 [unverified]	0130	40 68 6f 6c 61 2e 63 6f 6d 22 7d 2c 22 74 6f 6b	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
[Checksum Status: Unverified]	0140	65 6e 22 3a 22 4d 54 41 37 4d 54 59 33 4e 7a 67	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Urgent Pointer: 0	0150	35 4d 44 41 78 4d 54 73 34 4e 6d 59 30 5a 6d 49	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
> [Timestamps]	0160	77 4f 44 63 7a 4e 6d 56 69 4e 44 52 68 4d 44 45	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
> [SEQ/ACK analysis]	0170	77 59 32 4e 6b 4e 7a 63 7a 4e 6a 55 34 4d 6a 4d	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
TCP payload (379 bytes)	0180	35 5a 44 55 78 4d 44 4a 6c 4d 44 4d 30 4e 32 56	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
[Reassembled PDU in frame: 19848]	0190	6d 59 57 4d 34 4d 54 41 31 4d 7a 59 32 4d 7a 63	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
TCP segment data (379 bytes)	01a0	78 59 54 59 30 4e 54 55 31 4e 7a 51 30 22 7d 0d	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
	01b0	0a	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

```
: Received notification: {"notification_type":"new_post","user_id":8}
: Received new post messages: [<19:26 03.03.2023> [user_id=8]: Buenos noches]
: Received notification: {"notification_type":"new_post","user_id":8}
: Received new post messages: [<19:26 03.03.2023> [user_id=8]: Buenos noches, <19:29 03.03.2023> [user_id=8]: Hola]
: Received notification: {"notification_type":"new_post","user_id":9}
: Received new post messages: [<19:30 03.03.2023> [user_id=9]: hola usuario 2]
: Received notification: {"notification_type":"new_post","user_id":9}
: Received new post messages: [<19:30 03.03.2023> [user_id=9]: hola usuario 2, <19:31 03.03.2023> [user_id=9]: hola mundo cruel]
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28648	94.864291	172.17.9.29	172.17.9.27	TCP	98 8021 → 56015 [PSH, ACK]	Seq=1 Ack=1 Win=8212 Len=44
44294	145.701228	172.17.9.29	172.17.9.27	TCP	98 8021 → 56015 [PSH, ACK]	Seq=45 Ack=1 Win=8212 Len=44
57900	195.063531	172.17.9.27	172.17.9.28	TCP	98 8020 → 56394 [PSH, ACK]	Seq=1 Ack=1 Win=262656 Len=44
57901	195.064192	172.17.9.27	172.17.9.29	TCP	98 8020 → 50525 [PSH, ACK]	Seq=1 Ack=1 Win=1026 Len=44
> Frame 57900: 98 bytes on wire (784 bits), 98 bytes captured (784 bits) on interface \Device\NPF... > Ethernet II, Src: HP_d4:97:39 (38:ca:84:d4:97:39), Dst: HP_d4:67:a1 (38:ca:84:d4:67:a1) > Internet Protocol Version 4, Src: 172.17.9.27, Dst: 172.17.9.28 > Transmission Control Protocol, Src Port: 8020, Dst Port: 56394, Seq: 1, Ack: 1, Len: 44 > Data (44 bytes) Data: 7b226e6f7469666963617469666e5f74797065223a226e65775f706f7374222c22757365... [Length: 44]						
0000	38 ca 84 d4 67 a1 38 ca 84 d4 97 39 08 00 45 00	8...g:8: ...9...E...				
0010	00 54 be cd 40 00 80 06 00 00 ac 11 09 1b ac 11	...T...@...				
0020	09 1c 1f 54 dc 4a 81 38 fb fc ca c8 b4 b9 50 18	...T...J...8 ...P...				
0030	04 02 6a a0 00 00 7b 22 6e 6f 74 69 66 69 63 61	...j...{" notifica				
0040	74 69 6f 6e 5f 74 79 70 65 22 3a 22 6e 65 77 5f	tion_type": "new				
0050	70 6f 73 74 22 2c 22 75 73 65 72 5f 69 64 22 3a	post", "u ser id":				
0060	59 70	9}				

[Stream index: 47]
[Conversation completeness: Complete, WITH_DATA (31)]
[TCP Segment Len: 254]
Sequence Number: 1 (relative sequence number)
Sequence Number (raw): 1498223186
[Next Sequence Number: 255 (relative sequence number)]
Acknowledgment Number: 1 (relative ack number)
Acknowledgment number (raw): 1586989776
0101 - Header Length: 20 bytes (5)
Flags: 0x018 (PSH, ACK)
Window: 8212
[Calculated window size: 2102272]
[Window size scaling factor: 256]
Checksum: 0x0b73 [Unverified]
[Checksum Status: Unverified]
Urgent Pointer: 0
[Timestamps]
[SEQ/ACK analysis]
TCP payload (254 bytes)

Hypertext Transfer Protocol

GET /posts HTTP/1.1\r\n

Authorization: MTAT7MTY3Nzg5NDQxNTs4NmY0ZmIwODczNmVlNDRhNDQ5Y2NkZjU4MjM5ZDUxMDJlMDM0N2VhYmM4MTA1MzY2MzcxYTgNTU1NzQ0\r\n

Accept: */*\r\n

User-Agent: Java/19.0.2\r\n

Host: SUI07-116000-L.CampusUninorte.local:8010\r\n

Connection: keep-alive\r\n

\r\n

[Full request URI: http://SUI07-116000-L.CampusUninorte.local:8010/posts]

[HTTP request 1/2]

[Response in frame: 19901]

[Next request in frame: 35376]

0000	38 ca 84 d4 97 39 38 ca	84 d4 37 d5 08 00 45 00	8...98...7...E:
0010	01 26 a5 ef 40 00 00 06	00 00 ac 11 09 1d ac 11	&...@...
0020	09 1b c5 f4 1f 4a 59 4d	12 52 5c 09 cf 32 50 18JYM R^..2P-
0030	20 14 6b 73 00 00 47 45	54 28 2f 70 6f 73 74 73	..ks...GE T /posts
0040	20 48 54 54 50 2f 31 2e	31 0d 0a 41 75 74 68 6f	HTTP/1.1:autho
0050	72 69 7a 61 74 69 6f 6e	3a 28 4d 54 41 37 4d 54	rization: MTAT7MT
0060	59 33 4e 7a 67 35 4d 44	41 78 4d 54 73 34 4e 6d	Y3Nzg5NDQxNTs4Nm
0070	59 30 5a 6d 49 77 4f 44	63 7a 4e 6d 56 69 4e 44	Y0ZmIwODczNmVlND
0080	52 68 4d 44 45 77 59 32	4c 6b 4c 7a 63 7a 4c 6a	RhNDQ5Y2NkZjU4Mj
0090	55 34 4d 6a 4d 35 5a 4d	55 78 4d 4d 4a 6c 4d 44	U4MjM5ZDUxMDJlMD
00a0	4d 30 4e 32 56 6d 59 57	4d 34 4d 54 41 31 4d 7a	M0M0N2VhYmM4MTA1
00b0	59 32 4d 70 63 70 59 54	59 30 4c 54 55 31 4c 70	Y2MzcxYTgNTU1Nz
00c0	51 30 0d 6e 41 63 63 65	70 74 3a 20 2a 2f 2a 0d	00...Acce pt: */*
00d0	0a 55 73 65 72 2d 41 67	65 6e 74 3a 20 4a 61 76	User-Agent: Jav
00e0	61 2f 31 39 2c 30 2c 32	0a 43 6f 73 74 3a 20	a/19.0.2 Host:
00f0	53 55 31 30 37 2d 31 31	36 30 30 30 2d 4c 2e 43	SUI07-11 6000-L.C
0100	61 6d 70 75 73 55 6e 69	6e 6f 72 74 65 2e 6c 6f	ampusUninorte.lo
0110	63 61 6c 3a 30 30 31 30	6d 0a 43 6f 6c 6c 65 63	cal:8010 Connec
0120	74 69 6f 6e 3a 20 6b 65	65 70 2d 61 6c 69 76 65	tion: ke ep-alive
0130	0d 0a 0d 0a	

```
{
  "user": {
    "user_id": 10,
    "user_name": "jose",
    "user_password": "123456",
    "user_email": "jose@hola.com"
  },
  "token": "MTA7MTY3Nzg5MDAxMTs4NmY0ZmIwODczNmViNDRhMDEwY2NkNzczNjU4MjM5ZDUxMDJlMDM0N2VmYWw4MTA1MzY2MzcxYT"
}
```



```
{
  "user": {
    "user_id": 10,
    "user_name": "jose",
    "user_password": "123456",
    "user_email": "jose@hola.com"
  },
  "token": "MTA7MTY3Nzg5MDAxMTs4NmY0ZmIwODczNmViNDRhMDEwY2NkNzczNjU4MjM5ZDUxMDJlMDM0N2VmYWw4MTA1MzY2MzcxYT"
}
```


91730	306.470846	172.17.9.27	172.17.9.29	TCP	433	8000 → 50675 [PSH, ACK] Seq=1 Ack=268 Win=2102272 Len=379 [TCP segment of a reassembled PDU]
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> Frame 91730: 433 bytes on wire (3464 bits), 433 bytes captured (3464 bits) on interface \Device
> Ethernet II, Src: HP_d4:97:39 (38:ca:84:d4:97:39), Dst: HP_d4:37:d5 (38:ca:84:d4:37:d5)
> Internet Protocol Version 4, Src: 172.17.9.27, Dst: 172.17.9.29
√ Transmission Control Protocol, Src Port: 8000, Dst Port: 50675, Seq: 1, Ack: 268, Len: 379
  Source Port: 8000
  Destination Port: 50675
  [Stream index: 95]
  [Conversation completeness: Complete, WITH_DATA (31)]
  [TCP Segment Len: 379]
  Sequence Number: 1 (relative sequence number)
  Sequence Number (raw): 1578250394
  [Next Sequence Number: 380 (relative sequence number)]
  Acknowledgment Number: 268 (relative ack number)
  Acknowledgment number (raw): 2114971916
  0101 .... = Header Length: 20 bytes (5)
> Flags: 0x018 (PSH, ACK)
  Window: 8212
  [Calculated window size: 2102272]
  [Window size scaling factor: 256]
  Checksum: 0x6bf0 [unverified]
  [Checksum Status: Unverified]
  Urgent Pointer: 0
> [Timestamps]
> [SEQ/ACK analysis]
  TCP payload (379 bytes)
  [Reassembled PDU in frame: 91731]
  TCP segment data (379 bytes)
```

```
0000 38 ca 84 d4 37 d5 38 ca 84 d4 97 39 08 00 45 00 8...7.8...9...E+
0010 01 a3 97 59 40 00 80 06 00 00 ac 11 09 1b ac 11 ...i@...
0020 09 1d 1f 40 c5 f3 5e 12 30 9a 7e 0f e9 0c 50 18 ...[...^...0...P-
0030 20 14 6b f0 00 00 48 54 54 50 2f 31 2e 31 20 32 ...k...HT TP/1.1 2
0040 30 30 20 ad 0a 43 6f 6e 74 65 6e 74 2d 54 79 70 00 ...Content-Typ
0050 65 3a 20 61 70 70 6c 69 63 61 74 69 6f 6e 2f 6a e: appli cation/j
0060 73 6f 6e 0d 0a 54 72 61 6e 73 66 65 72 2d 45 8e son...Tra nsfer-En
0070 63 6f 64 69 6e 67 3a 20 63 68 75 6e 6b 65 64 0d coding: chunked-
0080 0a 44 61 74 65 3a 20 53 61 74 2c 20 30 34 20 4d Date: Sat, 04 M
0090 61 72 20 32 30 32 33 20 30 30 3a 33 33 3a 33 31 ar 2023 00:33:31
00a0 20 47 4d 54 0d 0a 4b 65 65 70 2d 41 6c 69 76 65 GMT- Ke ep-Alive
00b0 3a 20 74 69 6d 65 6f 75 74 3d 36 30 0d 0a 43 6f : timeou t=60...Co
00c0 6e 6e 65 63 74 69 6f 6c 3a 20 6b 65 65 70 2d 61 nnection : keep-a
00d0 6c 69 76 65 0d 0a 0d 0a 64 33 0d 0a 7b 22 75 73 live.... d3...{"us
00e0 65 72 22 3a 7b 22 75 73 65 72 5f 69 64 22 3a 31 er":{"us er_id":1
00f0 30 2c 22 75 73 65 72 5f 6e 61 6d 65 22 3a 22 6a 0,"user_ name":"j
0100 6f 73 65 22 2c 22 75 73 65 72 5f 70 61 73 73 77 ose","us er_passw
0110 6f 72 64 22 3a 22 31 32 33 34 35 36 22 2c 22 75 ord":"12 3456","u
0120 73 65 72 5f 65 6d 61 69 6c 22 3a 22 6a 6f 73 65 ser_enai l":"jose
0130 40 68 6f 6c 61 2e 63 6f 6d 22 7d 2c 22 74 6f 8b @hola.co m"},"tok
0140 65 6e 22 3a 22 4d 54 41 37 4d 54 59 33 4e 7a 67 en":"MTA 7MTY3Nzg
0150 35 4d 44 41 78 4d 54 73 34 4e 6d 59 30 5a 6d 49 5MDAxMTs 4NmY0ZnI
0160 77 4f 44 63 7a 4e 6d 56 69 4e 44 52 68 4d 44 45 wODczNmV iNDRhMDE
0170 77 59 32 4e 6b 4e 7a 63 7a 4e 6e 55 34 4d 6a 4d wY2NkNmZc zNjU4MjM
0180 35 5a 44 55 78 4d 44 4a 6c 4d 44 4d 30 4e 32 56 5ZDUxMDJ lNDM0N2V
0190 6d 59 57 4d 34 4d 54 41 31 4d 7a 59 32 4d 7a 63 mYwM4MTA lMzY2Mzc
01a0 78 59 54 59 30 4e 54 55 31 4e 7a 51 30 22 7d 0d xYTY0NTU lNzQ0"}-
01b0 0a
```