This one with the right knowledge on what to look for is quite easy to spot.

On the surface this can take some digging but we will show how to find he 15 packets that create the flag.

I am not going to dig into all the rabbit holes I went down first, before I stumbled across this odd item that made it stick out like a sore thumb. (looking at protocol hierarchy, DNS tunneling, etc.)

The key to solving this challenge is to look at Conversations, and it is not the most or least conversations, it was a one-way conversation that had traffic going in one direction.

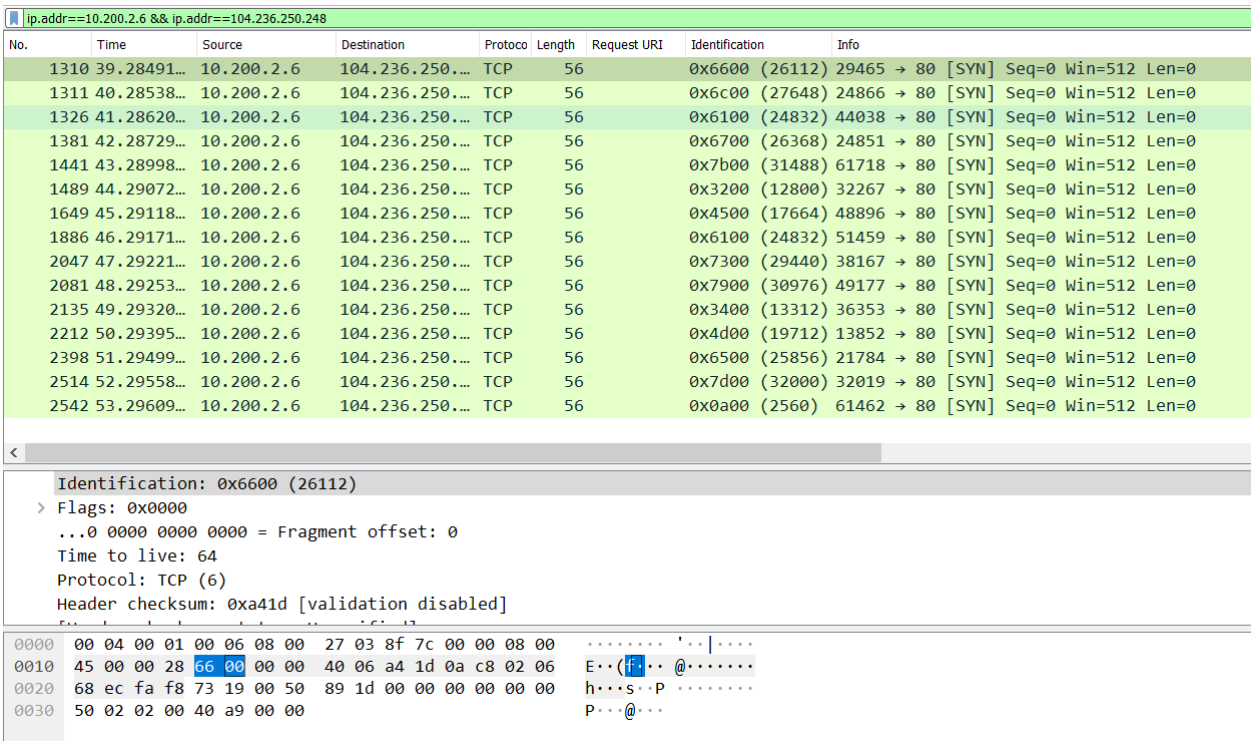
Filter on Packets B -> A and this is really easy to spot some odd stuff going on here.

Ethernet | IPv4 · 33 | IPv6 | TCP · 71 | UDP · 138

Address A	Address B	Packets	Bytes	Packets A → B	Bytes A → B	Packets B → A	Bytes B → A	Rel Start	Duration	Bits/s A → B	Bits/s B → A
192.168.128.1	224.0.0.251	1	85	1	85	0	0	75.195912	0.0000	—	
10.200.2.6	104.236.250.248	15	840	15	840	0	0	39.284915	14.0112	479	
10.200.2.3	10.200.2.7	2	936	1	592	1	344	174.124246	0.0097	488 k	
192.168.100.2	192.168.100.6	2	936	1	592	1	344	187.016501	0.0106	448 k	
10.200.2.7	216.58.194.131	6	388	4	264	2	124	32.615016	23.4814	89	

Line two above has 15 packets sent and 0 received. Filter on this conversation and our answer is there somewhere.

In the Identification field of the TCP packet is out flag:

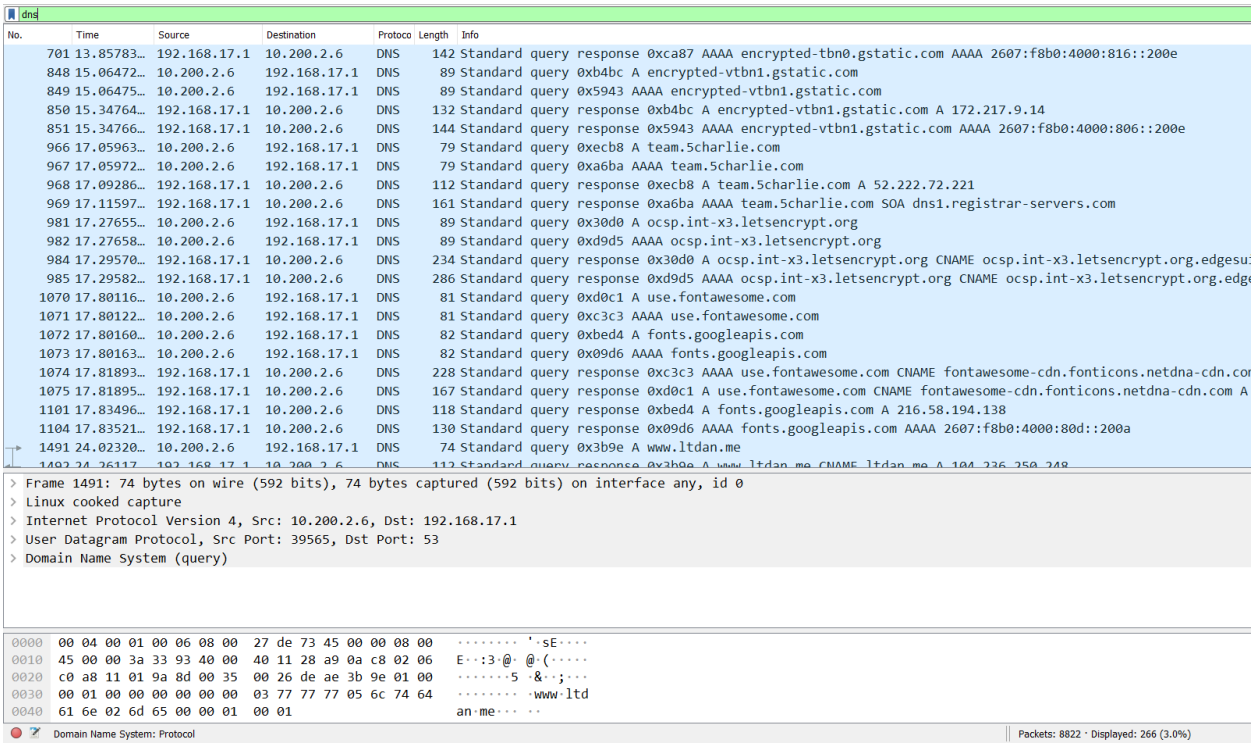


This displays one character at a time in ASCII on the right-hand side.

Flag: flag{2Easy4Me}

You can start by looking at the protocol hierarchy and conversations as good practice to start off with on here, but we will see that most of the traffic is encrypted and we will look at that last if we have to look into it.

Let's start off by looking at the low hanging fruit of DNS traffic:



This cuts it down to 3% of the total packets.

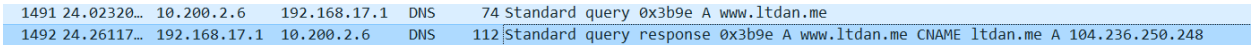
Here we can see the usual stuff that we can ignore like google and such.

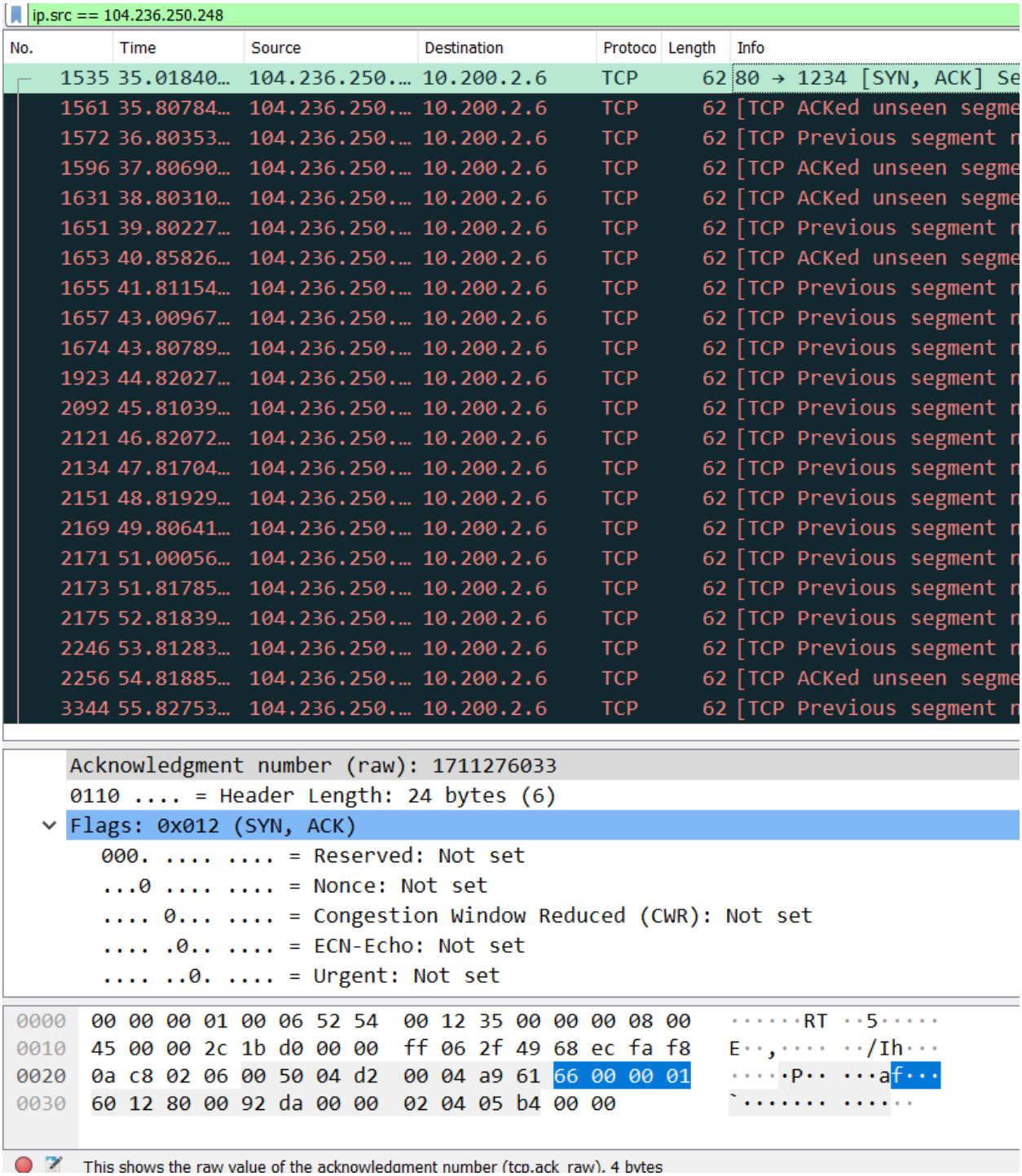
Some queries that seem interesting to look at are 5charlie.com, fontawesome.com, ltdan.me, flag, and flag.com

I started down flag and flag.com and quickly realized that they were not of interest, just a couple of pages temporarily moved. This is a Red Herring.

There were tons of packets sent to the 5charlie server, but none were of interest, so that also was a red herring.

The next one of interest was the ltdan.me, and the ip of 104.236.250.248, if we look around this, we see some interesting things happening.





Flag is in the sequence numbers on the ip.dst or acknowledgement number for ip.src.

Flag: flag{BouncinPackets!}