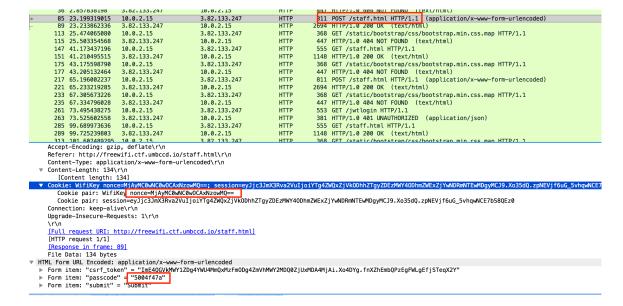
## DawgCTF 2020 Free WiFi Part 4

Saturday, March 7, 2020 12:16 PM

Given a .pcapng file that opens in wireshark. (same pcap, same site)

Hint: You need to generate your own key from the nonce provided each time.



They suggest the passcode is a function of the nonce.

I tried taking the nonce MjAyMC0wNC0wOCAxNzowMQ== (decodes into: 2020-04-08 17:01)

and pasted it into a site that produces all the hashes:

https://www.browserling.com/tools/all-hashes



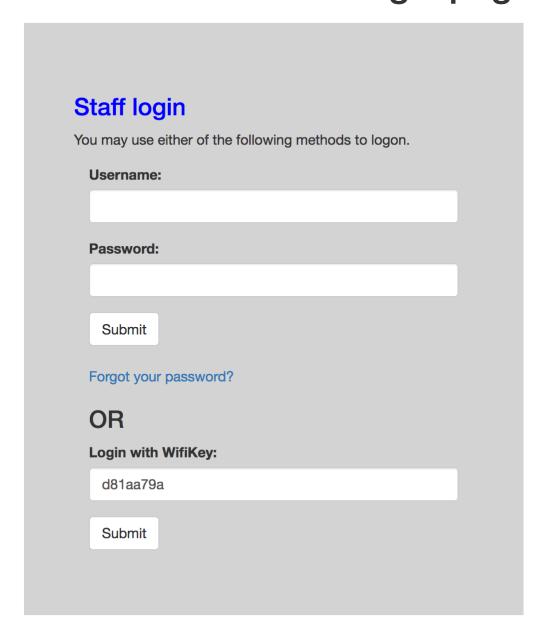
and I see the SHA1 hash: 5004f47ae3e2e7c1c9a5ea4d1666f95e6b06b062

The first 8 chars match with the passcode in wireshark!

So, I played with this page and got the nonce and decoded it. It changes every minute, so I increased the minute by one to give me time and re b64'd it. Generated the sha1 hash from that.

The I entered that sha1 hash and kept pressing enter. Once that minute clicked past, it revealed this flag:

## Welcome to the staff login page!



DawgCTF{k3y\_b@s3d\_l0g1n!}