SPOOKY CTF-2023(CHALENGES SOLVED BY ME) - BHASKAR BHAR BTECH MTECH CSE CYBERSECURITY 2022 BATCH

CRYPTO

Download the file named found_notes.txt.

You will find that the encoding text is in base64.(This comes with experience)

Anyways if you take the hint it will ask you the the rank of Leo minor constellation which is 64, hence base 64.

What rank is the Leo Minor constellation...

Got it!

Decode the text. But don't copy paste the text instead of that upload the file in the decoder.

URL OF THE DECODER: https://www.base64decode.org/

A image will be downloaded upon decoding.

You can see the flag is NICC{just_chillin}.

WEB:

From the title of the challenge we can know that we have to use curl command.

From the descrition we can see that we have to authorize via username and password and also the USER AGENT is also given.

Use the curl command below:

curl --user "mother:ovomorph" --user-agent "MU-TH-UR 6000" https://spooky-aliens-make-me-wanna-curl-web.chals.io/flag

Output:

```
C:\Users\Bhaskar Bhar>curl --user "mother:ovomorph" --user-agent "MU-TH-UR 6000" https://spooky-aliens-make-me-wanna-cur
l-web.chals.io/flag
NICC{dOnt_d3pEnD_On_h3AdeRs_4_s3eCu1ty}
```

FLAG: NICC{dOnt_d3pEnD_On_h3AdeRs_4_s3eCu1ty}

Forensic:

Download the file. Fetch the meta data using exiftool.
And you will get this.
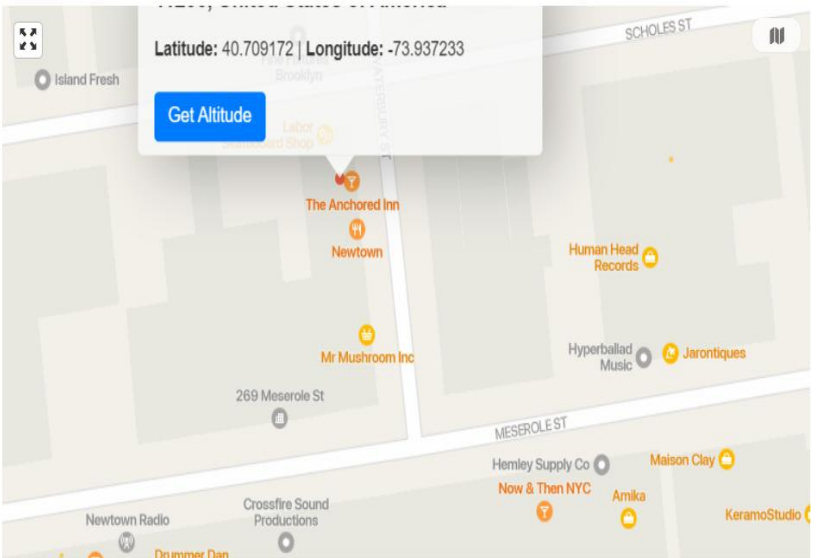
```
Shutter Speed               : 0.5
Create Date                 : 2023:08:13 03:47:12.948-04:00
Date/Time Original          : 2023:08:13 03:47:12.948-04:00
Modify Date                 : 2023:08:13 03:47:12-04:00
GPS Altitude                : 10.5 m Above Sea Level
GPS Latitude                : 40 deg 42' 33.02" N
GPS Longitude               : 73 deg 56' 14.04" W
Circle Of Confusion         : 0.005 mm
Field Of View               : 69.4 deg
Focal Length                : 4.2 mm (35 mm equivalent: 26.0 mm)
GPS Position                : 40 deg 42' 33.02" N, 73 deg 56' 14.04" W
```

From this you will find GPS location and Create Date.
Now from GPS Position we can find the bar.

I have used this site to achive this.
https://www.gps-coordinates.net/

Noticw that The Anchored Inn has a bar sign.

So the flag is NICC{The_Anchored_Inn-03:47:12}

Misc:

Needle In a Haystack

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misc baby

I lost my flag and I can't seem to find it. I know I put it in this folder, but it is not showing up.

Can you help me find it?

Credit

Developed by theamazins17

⬇ haystack.zip

Flag		Submit

1)
Download the file named haystack.zip
Unzip it.
Do ls in the directory "haystack"
You will find a file names flag.txt.txt

Grep it to find the flag
Command- grep "NICC" flag.txt.txt
Output: NICC{th4t_w45_345y}

Insecure Protocols

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I just spun up my first website with a login page and everything! My friend tells me my page isn't secure and I'm not sure why.

Credit

Developed by BonsaiUmai

⬇ insecure.pca...

Flag	Submit

2)

Download the Pcap file named insecure.pcap
I wanted to find the word NICC from the packets in the file so I decided to find it usind find functionality and option will be string.

But no results were coming. I decide to try the option of Hex.

But for hex I have t convert NICC to hex that 4E 49 43 43.
Upon searching we will find the flag.

Flag is NICC{h77p_15_1n53cur3}