

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

(NOTE: THE POINTS OF THE CHALLENGES ARE SHOWN IN THE PICTURES AS THE  
SCREENSCHOTS ARE TAKEN AFTER THE CTF HAS ENDED.)

## CRYPTO

Challenge

205 Solves

×

### What have we found here...

50

crypto easy

As the sun dipped below the horizon, casting long shadows across the barren landscape, I stood alone at the edge of the world. The map had brought me here, to this remote and desolate place, in pursuit of a mystery that had captivated the world's greatest minds.

A cryptic message had been found on the ground, a message from the cosmos itself, or so it seemed. It hinted at the existence of extraterrestrial life, hidden within the depths of space. The message, a series of seemingly random characters, held secrets that could change everything we knew about the universe.

My task was to decipher it, to unlock its hidden meaning. The characters appeared to be encoded in a complex language, something that I cannot seem to figure out. The key to understanding lay within those symbols, like a cosmic puzzle waiting to be solved.

As I gazed up at the starry night sky, seeing the Leo Minor constellation in the sky, I knew that the fate of humanity rested on my ability to decode this enigmatic message, to uncover the truth hidden within the stars.

View Hint

found\_notes....

Flag

Submit

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:

Challenge

184 Solves

×

# Aliens Make Me Wanna Curl

## 254

We are expecting communications from an artificial intelligence device called MU-TH-UR 6000, referred to as mother by the crew. We disabled the login page and implemented a different method of authentication. The username is **mother** and the password is **ovomorph**. To ensure security, only mothers specific browser is allowed.

### Credit

- Developed by [Exiden]

<https://spooky-aliens-make-me-wanna-curl-web.chals.io/flag>

Flag

Submit

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

From the description 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-curl-web.chals.io/flag
NICC{dOnt_d3pEnD_On_h3AdErS_4_s3eCu1ty}
```

FLAG: NICC{dOnt\_d3pEnD\_On\_h3AdErS\_4\_s3eCu1ty}

Forensic:

Challenge

204 Solves

X

## Don't stick me there!

50

forensics easy


I woke up after a night out and I'm hurting uh... everywhere... I think I left my phone at one of the bars we were at last night. Thankfully, I was able to see the last photo I took through the cloud.

Can you help me find my phone? I need to know the name of the bar and when the photo was taken.

flagformat: NICC{Bar\_Name-HH:MM:SS}

### Credit

Developed by [Cyb0rgSw0rd](#)

 lastphoto.png

Flag

Submit

Download the file. Fetch the meta data using exiftool.  
And you will get this.



```

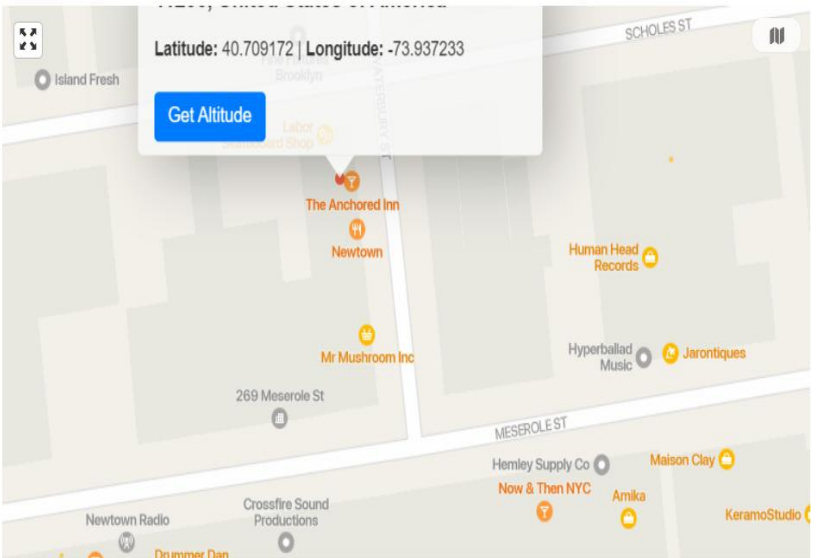
Shutter Speed      : 0.01
Create Date       : 2023:08:13 03:47:12.948-04:00
Date/Time Original : 2023:08:13 03:47:12.948-04:00
Modify Date      : 2023:08:13 03:47:12-04:00
GPS Altitude     : 10.5 m Above Sea Level
GPS Latitude     : 40 deg 42' 33.02" N
GPS Longitude    : 73 deg 56' 14.04" W
Circle Of 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 achieve this.

<https://www.gps-coordinates.net/>



**Address**

282 Scholes Street, New York, NY 11206, United States

**Get GPS Coordinates**

**DD (decimal degrees)\***

**Latitude** 40.7091722

**Longitude** -73.9372333333334

**Get Address**

**Lat,Long** 40.7091722,-73.9372333333334

Notice that The Anchored Inn has a bar sign.

So the flag is NICC{The\_Anchored\_Inn-03:47:12}

Misc:

Challenge

281 Solves



# Needle In a Haystack

## 50

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}

Challenge

238 Solves



# Insecure Protocols

50

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 using 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 to convert NICC to hex that 4E 49 43 43.  
Upon searching we will find the flag.

A screenshot of the Wireshark interface showing a packet capture. The search bar at the top contains '4E 49 43 43'. The packet list on the left shows a series of TCP and DNS packets, followed by an HTTP POST request (packet 2182). The packet details pane on the right shows the structure of the HTTP POST request, including the 'Content-Type' and 'Content-Length' fields. The 'Form' field is expanded, showing a 'pass' field with the value 'password' and a 'uname' field with the value 'NICC{h77p\_15\_1n53cur3}'. The packet bytes pane on the right shows the raw data of the packet, including the flag 'NICC{h77p\_15\_1n53cur3}' in hexadecimal and ASCII.

Flag is NICC{h77p\_15\_1n53cur3}