



HuntressCTF-Where Am I Challenge


**Where am I?**
50 points - OSINT - 322 Solves - medium

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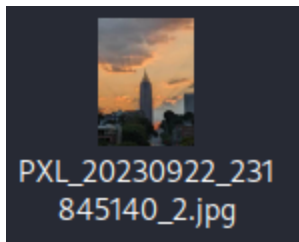
Your friend thought using a JPG was a great way to remember how to login to their private server. Can you find the flag?

Download the file(s) below.

Attachments:  PXL_20230922_231845140_2.jpg

 Submit

Once downloading the file, we will put it into cyber chef with the Extract EXIF in recipe:



We find a string of encryption: ZmxhZ3tiMTFhM2YwZWY0YmMxNzBiYTk0MDljMDc3MzU1YmJhMik=

Recipe

Extract EXIF

STEP

BAKE!

Auto Bake

Input

length: 1,641,184

File icon

Name: PXL_20230922_231845140_2.jpg

Size: 1,641,184 bytes

Type: image/jpeg

Loaded: 100%

Output

start: 69 time: 6ms
end: 121 length: 1287
length: 52 lines: 63

Found 61 tags.

ImageWidth: 3000
ImageHeight: 4000
ImageDescription:
ZmxhZ3tiMTFhM2YwZWY0YmMxNzBiYTk0MDljMDc3MzU1YmJhMik=
Make: Google
Model: Pixel Fold
Orientation: 1
XResolution: 72
YResolution: 72
ResolutionUnit: 2
Software: HDR+ 1.0.540104767zd
ModifyDate: 1695410325
YCbCrPositioning: 1
GPSVersionID: 2,3,0,0
GPSLatitudeRef: N
GPSLatitude: 33.7708
GPSLongitudeRef: W
GPSLongitude: -84.36422777777777
GPSAltitudeRef: 0
GPSAltitude: 254.4
GPSTimeStamp: 23,18,36
GPSDOP: 43
GPSImgDirectionRef: M
GPSImgDirection: 73
GPSDateStamp: 2023:09:22

Copy the encrypted Image Description and use cyberchef with "Base64" as the recipe:

The screenshot shows the CyberChef web application interface. On the left, the 'Recipe' panel is active, displaying a 'From Base64' recipe. The 'Alphabet' dropdown is set to 'A-Za-z0-9+/' and the 'Remove non-alphabet chars' checkbox is checked. On the right, the 'Input' panel shows a single line of Base64-encoded text: 'ZmxhZ3tiMTFhM2YwZWY0YmMxNzBiYTk0MDljMDc3MzU1YmJhMik='. Below the input, the 'Output' panel displays the decoded result: 'flag{b11a3f0ef4bc170ba9409c077355bba2}'. The output text is highlighted in blue. Metadata for the input and output is visible at the top and bottom of their respective panels.

Recipe

From Base64

Alphabet
A-Za-z0-9+/=

☒ Remove non-alphabet chars

Input

start: 0 length: 52
end: 51 lines: 1
length: 51

ZmxhZ3tiMTFhM2YwZWY0YmMxNzBiYTk0MDljMDc3MzU1YmJhMik=

Output

start: 0 time: 1ms
end: 38 length: 38
length: 38 lines: 1

flag{b11a3f0ef4bc170ba9409c077355bba2}

We now have the flag!

Note: you must fix the typo at the end of the flag "}"

Flag:

flag{b11a3f0ef4bc170ba9409c077355bba2}