



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?

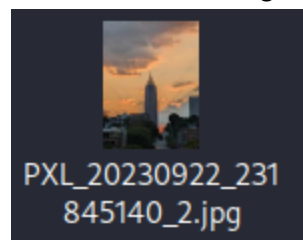
Download the file(s) below.

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



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

GPSTimeStamp: 2023:09:22

STEP

BAKE!

Auto Bake

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 the '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 is highlighted in blue. The interface includes various icons for saving, copying, and other actions.

We now have the flag!

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

Flag:

flag{b11a3f0ef4bc170ba9409c077355bba2}