Information

Forensics

Description:

Files can always be changed in a secret way. Can you find the flag? cat.jpg

Hints:

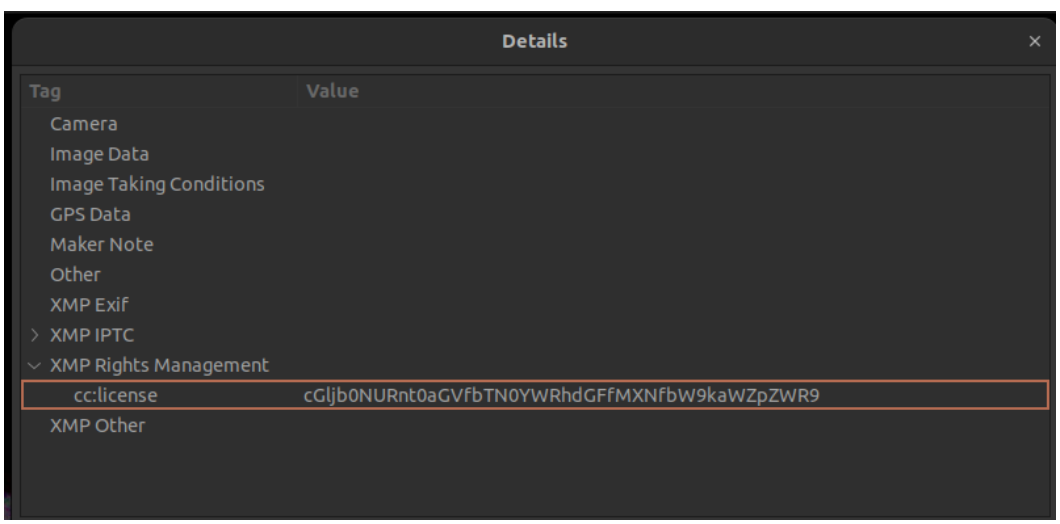
1) Look at the details of the file.
2) Make sure to submit the flag as picoCTF{XXXXX}

Solution:

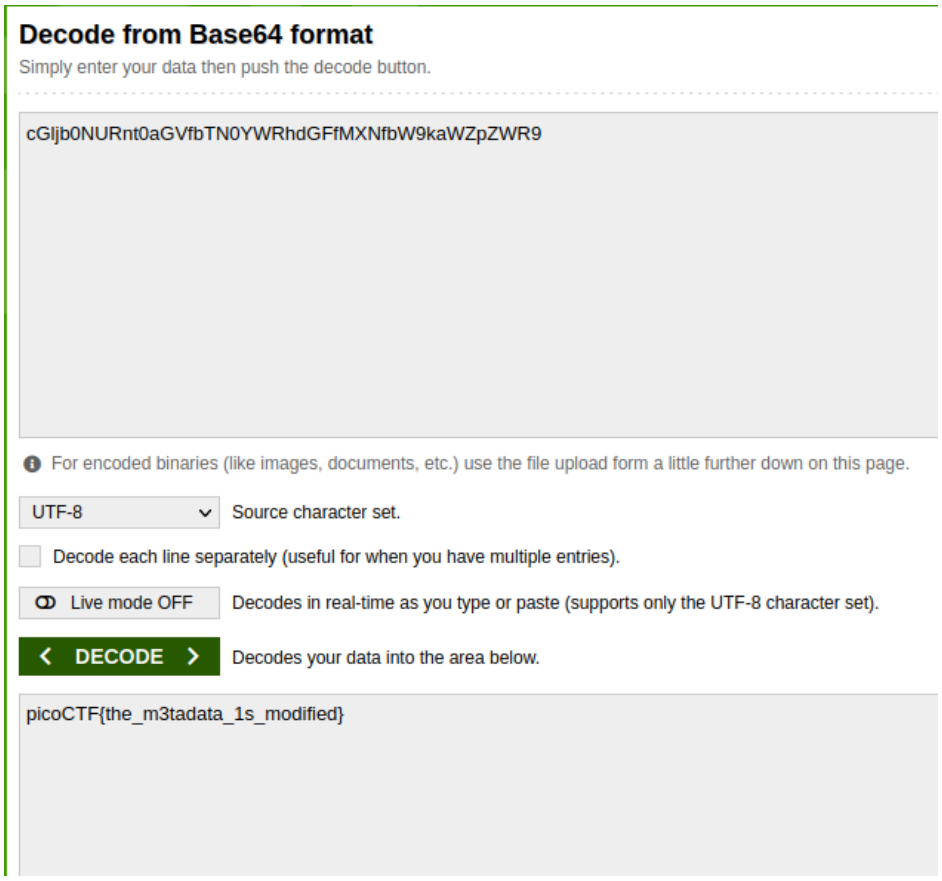
1) Identify the file type and get details of the image.

```
shouvik028@shouvik028-Aspire-A715-75G:~/Downloads$ identify cat.png
identify-im6.q16: unable to open image `cat.png': No such file or directory @ error/blob.c/
OpenBlob/2924.
shouvik028@shouvik028-Aspire-A715-75G:~/Downloads$ identify cat.jpg
cat.jpg JPEG 2560x1598 2560x1598+0+0 8-bit sRGB 878136B 0.000u 0:00.000
shouvik028@shouvik028-Aspire-A715-75G:~/Downloads$ identify -vebrose cat.jpg
identify-im6.q16: unrecognized option `-vebrose' @ error/identify.c/IdentifyImageCommand/89
8.
shouvik028@shouvik028-Aspire-A715-75G:~/Downloads$ identify -verbose cat.jpg
Image:
  Filename: cat.jpg
```

2) Open image in some image editing software to get more details.
3) Under the XMP rights management we see a string that looks like its encoded in Base64.



4) Use a decoder to find the flag.



Flag: picoCTF{the_m3tadata_1s_modified}