

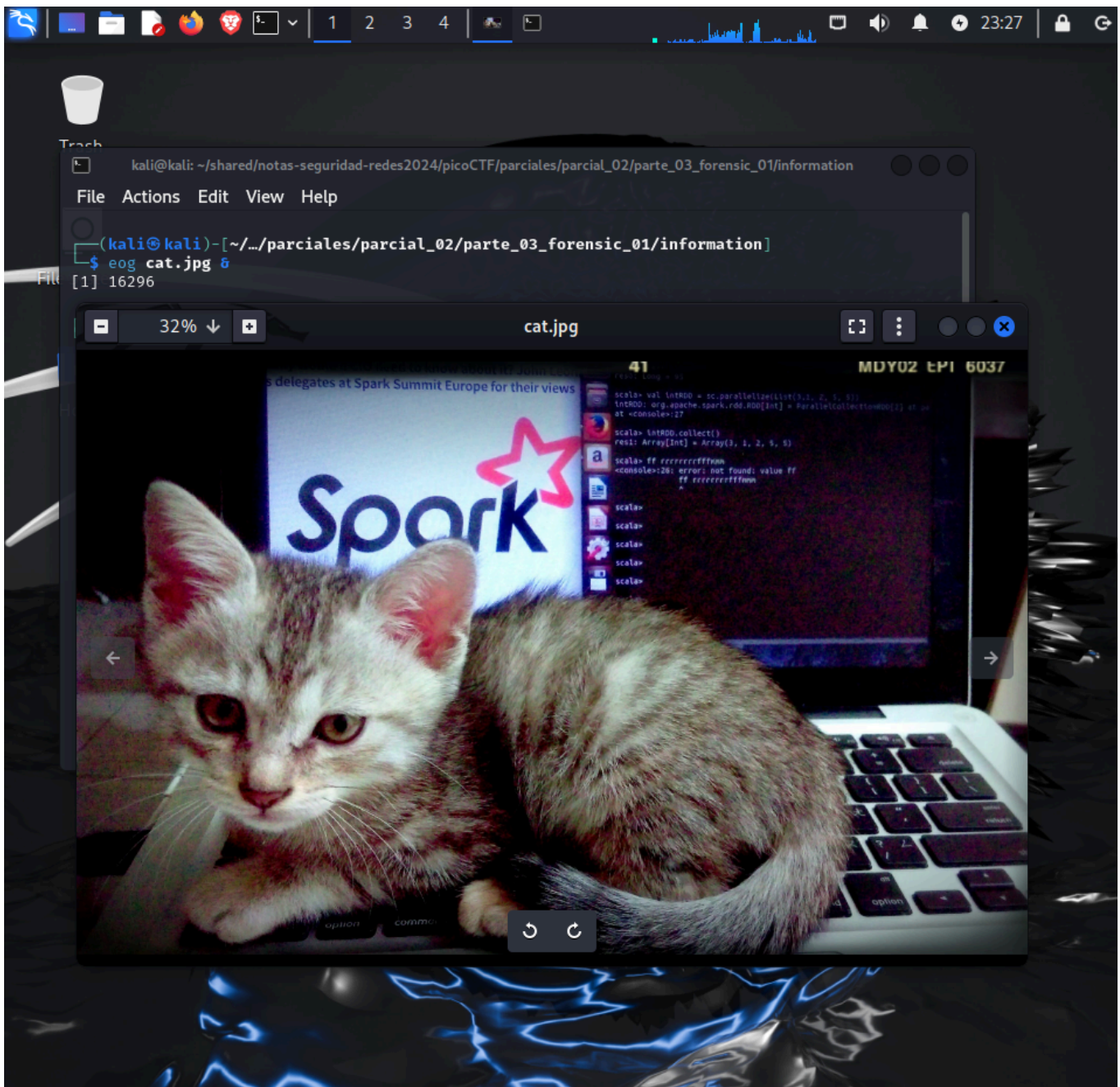
Description

Files can always be changed in a secret way. Can you find the flag? [cat.jpg](#)

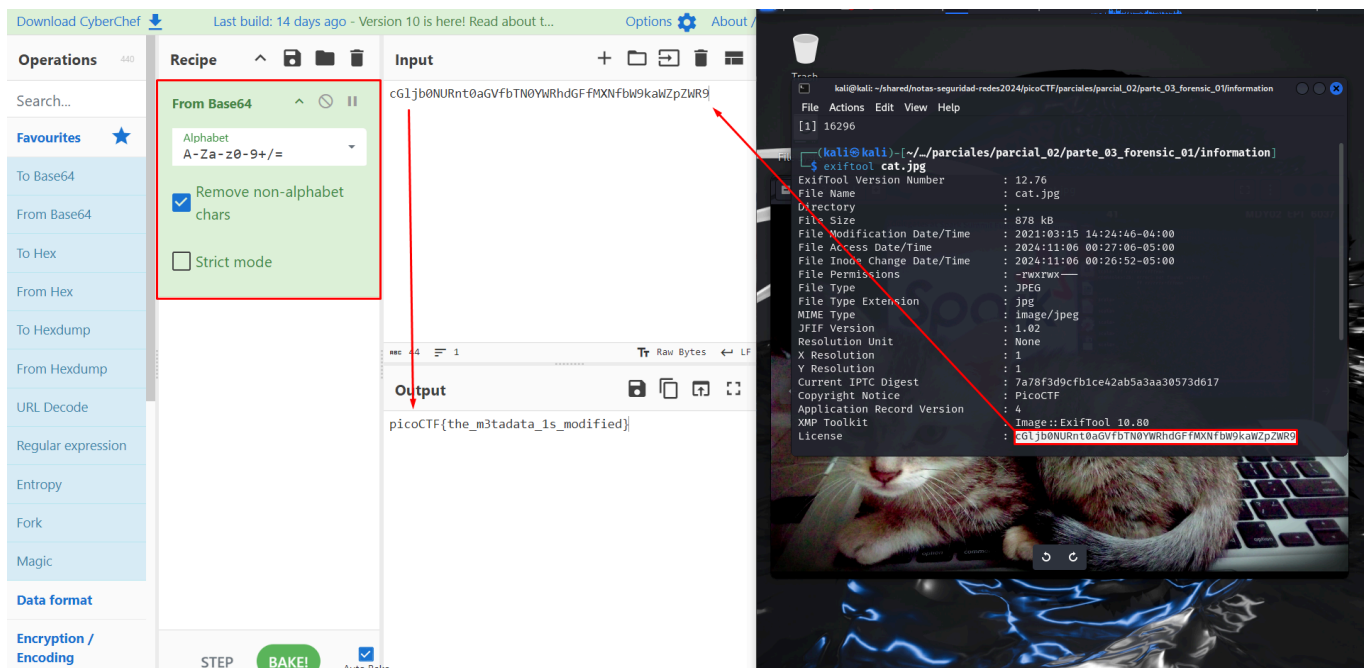
Hints

- Look at the details of the file
- Make sure to submit the flag as picoCTF{XXXXXX}

Solución



```
└─(kali㉿kali)-[~/.../parciales/parcial_02/parte_03_forensic_01/information]
└─$ exiftool cat.jpg
ExifTool Version Number      : 12.76
File Name                    : cat.jpg
Directory                    : .
File Size                    : 878 kB
File Modification Date/Time   : 2021:03:15 14:24:46-04:00
File Access Date/Time        : 2024:11:06 00:27:06-05:00
File Inode Change Date/Time   : 2024:11:06 00:26:52-05:00
File Permissions              : -rwxrwx---
File Type                    : JPEG
File Type Extension          : jpg
MIME Type                    : image/jpeg
JFIF Version                 : 1.02
Resolution Unit              : None
X Resolution                  : 1
Y Resolution                  : 1
Current IPTC Digest          : 7a78f3d9cfb1ce42ab5a3aa30573d617
Copyright Notice             : PicoCTF
Application Record Version    : 4
XMP Toolkit                  : Image::ExifTool 10.80
License                      :
cGljb0NURnt0aGVfbTN0YWRhdGFfMXNfbW9kaWZpZW9
Rights                       : PicoCTF
Image Width                  : 2560
Image Height                 : 1598
Encoding Process              : Baseline DCT, Huffman coding
Bits Per Sample              : 8
Color Components              : 3
Y Cb Cr Sub Sampling         : YCbCr4:2:0 (2 2)
Image Size                   : 2560x1598
Megapixels                   : 4.1
```



Bandera

```
flag: picoCTF{the_m3tadata_1s_modified}
```

Notas Adicionales

Se utilizó la herramienta `exiftool` y se detectó una cadena en la parte de `License` que probablemente fue encriptada en base64 y se pasó a `cyberchef` para verificar esto. Fue el caso que sí, por lo que obtuvimos la bandera.

Referencias

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