This is APNG

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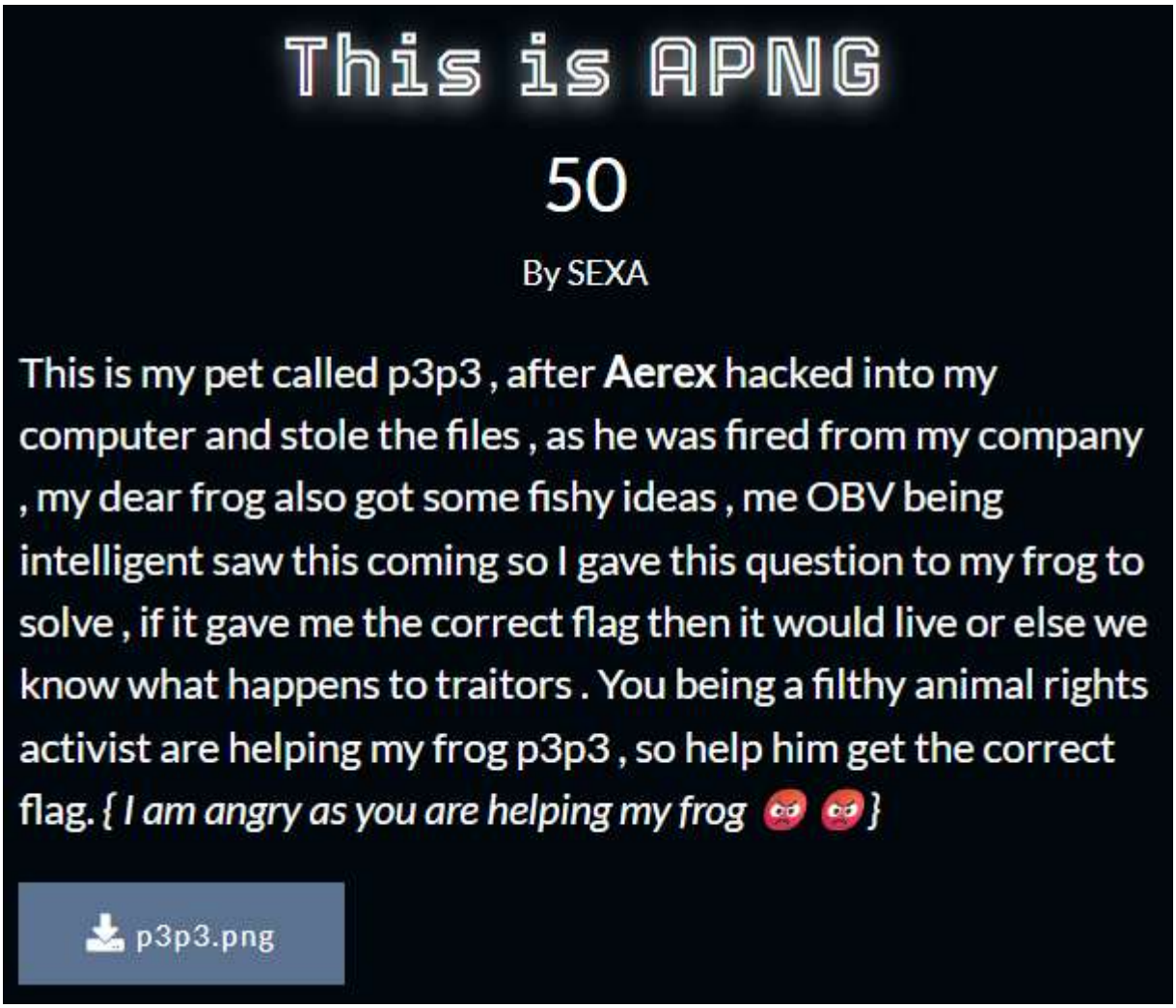
CATEGORY: Steganography



STEP BY STEP SOLUTION

We are given a png file but it is actually an apng file. An apng file is like a small collection of frames that play on loop like a small video. We can tweak the amount of time it stays in each frame and use it to store information. I used the following python code:

```
from apng import APNG

flag = ""
apng = APNG.open("p3p3.apng")
for i, (png, control) in enumerate(apng.frames):
    delay = control.delay # convert to seconds
```

```
    print(f"Frame {i}: {delay:.3f} milliseconds")
    flag += f"{chr(delay)}"
print(flag)
```

```
============== RESTART: C:/Users/ac
Frame 0: 73.000 milliseconds
Frame 1: 68.000 milliseconds
Frame 2: 67.000 milliseconds
Frame 3: 123.000 milliseconds
Frame 4: 112.000 milliseconds
Frame 5: 51.000 milliseconds
Frame 6: 80.000 milliseconds
Frame 7: 101.000 milliseconds
Frame 8: 95.000 milliseconds
Frame 9: 116.000 milliseconds
Frame 10: 72.000 milliseconds
Frame 11: 105.000 milliseconds
Frame 12: 53.000 milliseconds
Frame 13: 95.000 milliseconds
Frame 14: 105.000 milliseconds
Frame 15: 115.000 milliseconds
Frame 16: 95.000 milliseconds
Frame 17: 52.000 milliseconds
Frame 18: 80.000 milliseconds
Frame 19: 78.000 milliseconds
Frame 20: 71.000 milliseconds
Frame 21: 125.000 milliseconds
IDC{p3Pe_tHi5_is_4PNG}
```

The ASCII values of the characters in the flag are stored as the time delay between each frame. Piecing it together we have our flag.

FLAG: IDC{p3Pe_tHi5_id_4PNG}