

Steganography Challenges

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beep-boop-beep-boop

Difficulty: Easy

Challenge

NASA used this to transmit images of the far side of the Moon, we use it to hide useless flags :)

- Check out the file given on the ctf platform

Hints

Is this file audio or can you **see** something els

Corrupted

Difficulty: Medium

Challenge

Apparently the flag I received this file from Elliot contains a flag. But the file seems to be corrupted, help me fix it and find the flag!

- Check out the file given on the ctf platform

Hints

- Have you tried opening the file in a hex editor?
- Read up on [file signatures](#) for image files.
- Inspect the 1st 4 bytes of the file - `D8 FF E0 FF`

el-es-bee

Difficulty: Medium

Challenge

My favourite youtuber said they hid a flag in the thumbnail of their latest video. So why can't i find anything :(?

- Check out the file given on the ctf platform

Hints

- How do you hide data in images?
- Read up on [Least Significant Bit Steganography](#).

Jikan

Difficulty: Medium

Challenge

- Time is precious and so are you

Hints

- Whats in this image?

my-newer-music

Difficulty: Hard

Challenge

- Just another day in Florida - I was kidnapped by Aliens from a planet named Spectogrammon but managed to escape. I have some audio recording from their spaceship but I can't understand what it means. Perhaps they listen to music too? I'm publishing this for y'all to rise to fame.

Hints

- Visualize the audio

png-split

Difficulty: Hard

Challenge

- I found the first half of the flag, but where is the rest???

Hints

- Have you tried running `strings` on the file?
- Read up on [file signatures](#) for image files.
- `strings | grep IHDR` gives a peculiar output

r33l-life

Difficulty: Hard

Challenge

- My friend **Mr.Mercury** likes to hide secrets in recordings of his songs. I overheard him saying that he uses the same password everywhere too, his favorite British rock band. What a stupid guy

Hints

- Whats hiding in the image?

xorry

Difficulty: Hard

Challenge

- Just another day in Florida - I was kidnapped by Aliens from a planet named Spectogrammon but managed to escape. I have some audio recordings from their spaceship but I can't understand what it means. Perhaps they listen to music too? I'm publishing this for y'all to rise to fame.

Hints

- Did someone say xor?