

Hide Inside me [CyberStorm CTF]

Luffy got a whiff of some meat being locked away by Sanji for some "special" guests ?! How dare he HIDE meat from the most "special" Joyboy Reincarnate!!

Finding the flag

Brute forcing the passphrase

command ⇒ `stegcracker luffi.jpg /usr/share/wordlists/rockyou.txt`

```
→ cyberstorm stegcracker luffi.jpg /usr/share/wordlists/rockyou.txt
StegCracker 2.1.0 - (https://github.com/Paradoxis/StegCracker)
Copyright (c) 2025 - Luke Paris (Paradoxis)

StegCracker has been retired following the release of StegSeek, which
will blast through the rockyou.txt wordlist within 1.9 second as opposed
to StegCracker which takes ~5 hours.

StegSeek can be found at: https://github.com/RickdeJager/stegseek

Counting lines in wordlist..
Attacking file 'luffi.jpg' with wordlist '/usr/share/wordlists/rockyou.txt'..
Successfully cracked file with password: elsalvador
Tried 5472 passwords
Your file has been written to: luffi.jpg.out
elsalvador
→ cyberstorm █
```

We have got the pass phrase for the luffi.jpg file lets use steghide to see what does the image have in it.

Flag.txt

command ⇒ `cat luffi.jpg.out`

```
→ cyberstorm ls
ghidra IMAGE.png luffi.jpg luffi.jpg.out luffi.png signal.pcapng stegsolve.jar warmup
→ cyberstorm cat luffi.jpg.out
File: luffi.jpg.out
1 REDFOX{J0yBoY_Ha5_C0m3_Ag41n!!}
→ cyberstorm █
```

So we have successfully got and submitted the flag