

AUCTF 2020

Forensics : Har Har Har

Description : Someone found this .har file. Can you see what's in it?

Standard Flag Format auctf{ }

Attachment : dev.quickbrownfoxes.org_Archive [19-12-01 15-41-53].har

Solutions :

Opening and reading the file and we can find some log, and additionally we can see a PNG picture encoded in base64.

```

"cookies": [],
"content": {
  "mimeType": "image/png",
  "size": 15933,
  "encoding": "base64",
  "text": "iVBORw0KGgoAAAANSUHEUGAABIAAAKICATAAAACHSRZaAAAAAXNSR0Iars4c6QAAAArnQU1B
AACxjwv8YQUAAAAJcEhZcwAAEnQAABJ0AD5mH3gAAD3SSURBVHhe7d0tdNtK1C7ggm99q7Cw8KC7AgsLawsLCwMDCBsKA
wslCwMDAwMLCwMDCwML7903szthX0kc/8hbsv08oKuSHVusNdK8mtHo1f8FAACghAAGABQRAADAAAoIoABAAAUEcAAAA
CKCGAAAAABFBDAATAiAhgAAEARAQwAAKCIAAYAAFBEAAMAACGigAEAAABQRwAAAAIoIYAAAAEUEMAAAgCICGAAQBEBDAA
AoIgABgAAUEQAawAAKCKAAQAAFBHAAAAAaighgAAAAARQwAACAIgIYAABAEQEMAACGgiAAGABQRAADAAAoIoABAAAUEcAA
AACKCGAAAAABFBDAATAiAhgAAEARAQwAAKCIAAYAAFBEAAMAACGigAEAAABQRwAAAAIoIYAAAAEUEMAAAgCICGAAQBEBD
AAAoIgABgAAUEQAawAAKCKAAQAAFBHAAAAAaighgAAAAARQwAACAIgIYAABAEQEMAACGgiAAGABQRAADAAAoIoABAAAUEc
AAAAACKCGAAAAABFBDAATAiAhgAAEARAQwAAKCIAAYAAFBEAAMAACGigAEAAABQRwAAAAIoIYAAAAEUEMAAAgCICGAAQBE
BDAAAoIgABgAAUEQAawAAKCKAAQAAFBHAAAAAaighgAAAAARQwAACAIgIYAABAEQEMAACGgiAAGABQRAADAAAoIoABAAA

```

Remove all the content of the file except the base64, then decode it and save the output to “output.png”.

```
kali@kali:~$ base64 -d dev.quickbrownfoxes.org_Archive\[19-12-01\ 15-41-53\].har > output.png
```

Then open the decoded picture and you will get the flag.

$$\text{auctf} \{ \text{har_har} \}^4$$

Flag : auctf{har_har34}