

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 :

1. Opening Attachment file in hxd.
2. Check Attachment file signature.

```
00000B10 22 01 65 65 65 70 74 2D 72 01 6E 07 65 73 22 20 accept-ranges ,
00000C00 0A 20 20 20 20 20 20 20 20 20 20 20 20 20 22 . "
00000C10 76 61 6C 75 65 22 3A 20 22 62 79 74 65 73 22 0A value": "bytes".
00000C20 20 20 20 20 20 20 20 20 20 20 20 20 7D 2C 0A 20 },.
00000C30 20 20 20 20 20 20 20 20 20 20 20 20 7B 0A 20 20 {.
00000C40 20 20 20 20 20 20 20 20 20 20 20 20 22 6E 61 6D 65 "name
00000C50 22 3A 20 22 58 2D 46 69 72 65 66 6F 78 2D 53 70 ": "X-Firefox-Sp
00000C60 64 79 22 2C 0A 20 20 20 20 20 20 20 20 20 20 20 20 dy",.
00000C70 20 20 20 22 76 61 6C 75 65 22 3A 20 22 68 32 22 "value": "h2"
00000C80 0A 20 20 20 20 20 20 20 20 20 20 20 20 7D 0A 20 . }.
00000C90 20 20 20 20 20 20 20 20 20 20 5D 2C 0A 20 20 20 20 },.
00000CA0 20 20 20 20 20 20 22 63 6F 6F 6B 69 65 73 22 3A "cookies":
00000CB0 20 5B 5D 2C 0A 20 20 20 20 20 20 20 20 20 20 22 [],. "
00000CC0 63 6F 6E 74 65 6E 74 22 3A 20 7B 0A 20 20 20 20 content": {.
00000CD0 20 20 20 20 20 20 20 20 22 6D 69 6D 65 54 79 70 "mimeType
00000CE0 65 22 3A 20 22 69 6D 61 67 65 2F 70 6E 67 22 2C e": "image/png",
00000CF0 0A 20 20 20 20 20 20 20 20 20 20 20 20 22 73 69 . "si
00000D00 7A 65 22 3A 20 31 35 39 33 33 2C 0A 20 20 20 20 ze": 15933,.
00000D10 20 20 20 20 20 20 20 20 22 65 6E 63 6F 64 69 6E "encodin
00000D20 67 22 3A 20 22 62 61 73 65 36 34 22 2C 0A 20 20 g": "base64",.
00000D30 20 20 20 20 20 20 20 20 20 20 22 74 65 78 74 22 "text"
00000D40 3A 20 22 69 56 42 4F 52 77 30 4B 47 67 6F 41 41 : "iVBORw0KGgoAA
```

3. See the PNG file is base-64 encoded.
4. Extract the PNG file through online url decoder site.

Base64*[copy](#) [clear](#) [download](#)

```
iVBORwOKGgoAAAAANSUHEUgAABI AAAAKI CAIAAAACHSRZaAAAAAXNSRQI Ars4c6QAAAAAnQUI BAACxjwv8VQUAAAAJcEhZcwAAEnQAABJ0Ad5mH3gAAD3SSURBVHhe
7dOt dNtK1C7ggn99q7Cw8KC7AgsL A w s L C w M D C 8 s K A w s L C w M D A w M L C w M D C w M L 7 9 Q 3 s z t H x Q k c / 8 h b s v O 8 o K u S H V u S N d K 8 m t H o 1 f 8 F A A C g h A A G A A B Q R A A D A A A o I o A B
A A A U E C A A A A C K C G A A A A B F B D A A A I A i A h g A A E A R A Q w A A K C I A A Y A A F B E A A M A A C g i g A E A A B Q R w A A A A I o I Y A A A A E U E M A A A g C I C G A A A Q B E B D A A A o I g A B g A A U E Q A A w A A K C K A
A Q A A F B H A A A A i g h A A A A R Q Q w A A C A I g I Y A A B A E Q E M A A C g i A G A A B Q R A A D A A A o I o A B A A A U E C A A A A C K C G A A A A B F B D A A A I A i A h g A A E A R A Q w A A K C I A A Y A A F B E A A M A A C g i
g A E A A B Q R w A A A A I o I Y A A A A E U E M A A A g C I C G A A A Q B E B D A A A o I g A B g A A U E Q A A w A A K C K A A Q A A F B H A A A A i g h A A A A R Q Q w A A C A I g I Y A A B A E Q E M A A C g i A G A A B Q R A A D A A A o
I o A B A A A U E C A A A A C K C G A A A A B F B D A A A I A i A h g A A E A R A Q w A A K C I A A Y A A F B E A A M A A C g i g A E A A B Q R w A A A A I o I Y A A A A E U E M A A A g C I C G A A A Q B E B D A A A o I g A B g A A U E Q A A w A A
```

Decode Base64 to PNG

Preview PNG Image | [Toggle Background Color](#)

5. Flag is written on the extracted PNG file.

Flag : **auctf{har_har34}**