

BurnedTruth

On using exiftool on img.jpg it shows Author:BhxrpdFrIraiidnw . Its a github username encoded in Vigenere cipher.

```
(kali㉿kali)-[~/Downloads]
$ exiftool img.jpg
ExifTool Version Number      : 13.25
File Name                    : img.jpg
Directory                   : .
File Size                   : 117 kB
File Modification Date/Time  : 2025:09:28 18:49:25+05:30
File Access Date/Time       : 2025:09:28 18:49:25+05:30
File Inode Change Date/Time  : 2025:09:28 18:49:25+05:30
File Permissions             : -rw-rw-r--
File Type                   : JPEG
File Type Extension         : jpg
MIME Type                   : image/jpeg
JFIF Version                : 1.01
Resolution Unit              : inches
X Resolution                 : 72
Y Resolution                 : 72
XMP Toolkit                 : Image::ExifTool 13.25
Author                     : BhxrpdFrIraiidnw
Profile CMM Type            :
Profile Version              : 4.3.0
Profile Class                : Display Device Profile
```

Upon decoding u get a githubusername

Recipe

Vigenère Encode

Key
BurnedTruth

Input

AngelaMaryThomas

016 (16 selected)

Output

BhxrpdFr1rAiidnw

Go to the first repository u will find a zip file

github.com/AngelaMaryThomas/let_me_in

AngelaMaryThomas / let_me_in

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let_me_in Public Pin Watch 0

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AngelaMaryThomas check here b518de1 · 3 days ago 4 Commits

README.md Added the files 3 days ago

challen.zip check here 3 days ago

README

Unzip challen.zip

```
(kali㉿kali)-[~/Downloads]
$ unzip challen.zip
Archive:  challen.zip
  creating: ctf_inner_repo/
  creating: ctf_inner_repo/.git/
  inflating: ctf_inner_repo/.git/COMMIT_EDITMSG
  inflating: ctf_inner_repo/.git/config
  inflating: ctf_inner_repo/.git/description
  inflating: ctf_inner_repo/.git/HEAD
  creating: ctf_inner_repo/.git/hooks/
  inflating: ctf_inner_repo/.git/hooks/applypatch-msg.sample
  inflating: ctf_inner_repo/.git/hooks/commit-msg.sample
  inflating: ctf_inner_repo/.git/hooks/fsmonitor-watchman.sample
  inflating: ctf_inner_repo/.git/hooks/post-update.sample
  inflating: ctf_inner_repo/.git/hooks/pre-applypatch.sample
```

Go to ctf_inner_repo, on git log u can see the commits ,on git show commit u will get the flag

```
(kali㉿kali)-[~/Downloads/ctf_inner_repo]
$ git log
commit dee9b78704849d9b53227ec7f497ad8ff3d974aa (HEAD → main)
Author: Ashil-James <ashilgjaxes@gmail.com>
Date: Thu Sep 25 23:05:58 2025 +0530

    removed flag for production

commit afaddb02ecde6c31c9e715f20bd56fe9d32ba8fe (test, master)
Author: Ashil-James <ashilgjaxes@gmail.com>
Date: Thu Sep 25 22:58:17 2025 +0530

    Inital commit

(kali㉿kali)-[~/Downloads/ctf_inner_repo]
$ git show afaddb02ecde6c31c9e715f20bd56fe9d32ba8fe:src/Hello.java

public class Hello {
    public static void main(String[] args) {
        // This was removed in production:
        System.out.println("SGCTF{n1ght_0wl_acc3ss}");
    }
}
```