

Challenge Name : Vellaieluthu

Category : Steganography

level : medium

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Solution:

- The Given file is with extension of ".jpg".
- But The File command says **"its an ascii file!"**

```
└─(p4ul@none)-[~/ctf/tamil-ctf]  
└─$ file vellaieluthu.jpg  
vellaieluthu.jpg: ASCII text
```

- So, Change the file extension ".jpg" to ".txt".
- then you can able to see the content of the file.
- In that file contains, lots of whitespaces. So, you can confirm, this is a whitespace steganography challenge. It contains some random strings.
- **It's looks like base64.** 😊
- then decode the string. you will get a password for stegsnow.

```
└─$ mv nothing.jpg nothing.txt  
[cyberpj@cyberpj-virtualbox]--[~/tamilctf2021]  
└─$ cat nothing.txt  
cyberpj  
  
dGFtaWxjdGYxMjMK  
[cyberpj@cyberpj-virtualbox]--[~/tamilctf2021]  
└─$ echo dGFtaWxjdGYxMjMK |base64 -d  
tamilctf123
```

- Now, it's time get that flag.
- below the command will decode the stego file and it will show the flag.

```
└─(p4ul@none)-[~/ctf/tamil-ctf]  
└─$ stegsnow -C -p 'tamilctf123' nothing.txt  
TamilCTF{white_is_not_bright}
```

```
[cyberpj@cyberpj-virtualbox]-[~/tamilctf2021]  
└─$ stegsnow -C -p tamilctf123 nothing.txt  
TamilCTF{white_is_not_bright}└─[cyberpj@cyberpj-virtualbox]-[~/tamilctf2021]  
└─$
```

FLAG :

TamilCTF{white_is_not_bright}

🙏BY **tamilctf team**