

Challenge Name : Hunt for the director

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Category : Miscellaneous

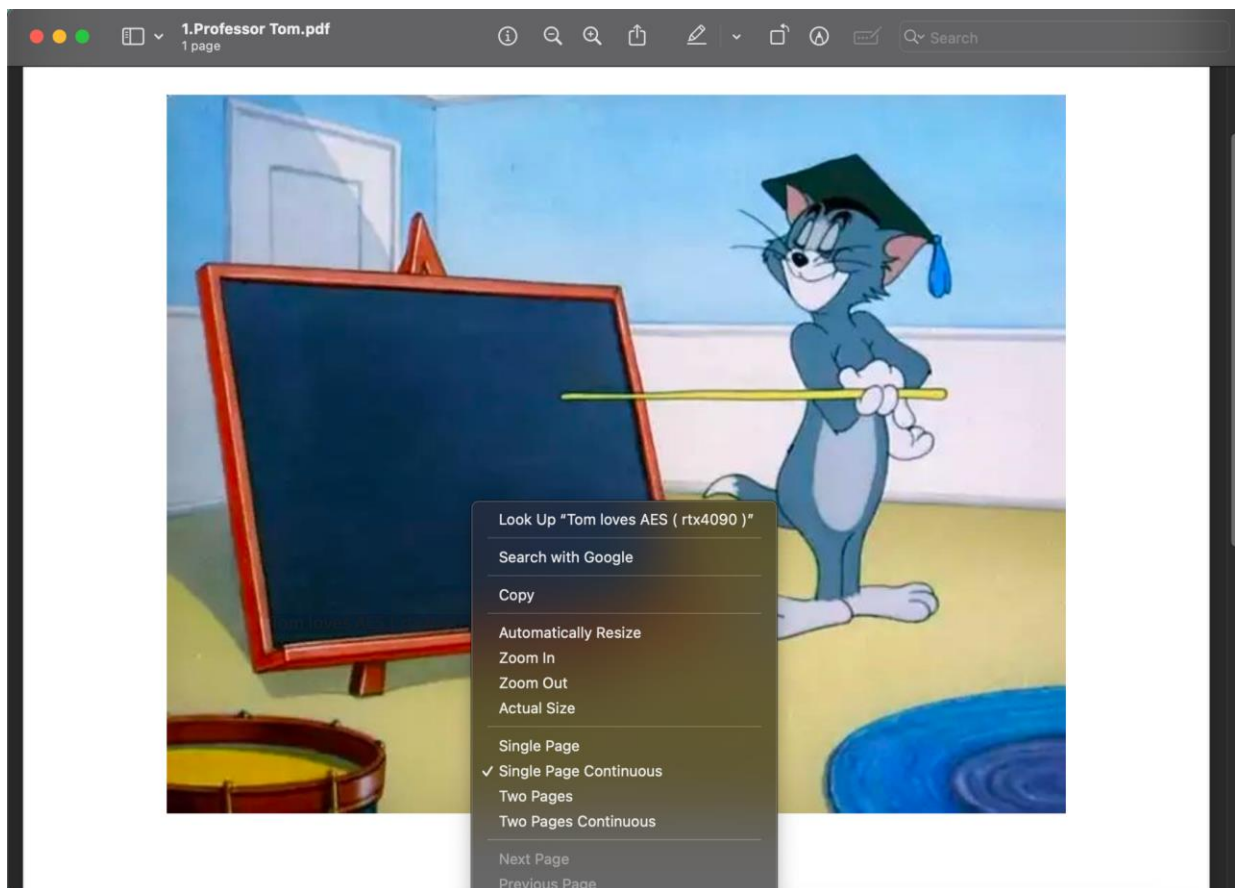
Flag : **VishwaCTF{Hideo_Kojima}**

Description :

My friend Naman was looking around his cupboard , when he found a disk of his favourite media, He was reminded of the creative minds who made it, help him to find it!

Writeup :

- 1) We can see a hidden text in the bottom left corner of tom sir's black board. The text is **"Tom loves AES(rtx4090)"**.



- 2) In which **AES** is an encryption method for the upcoming cipher text and **rtx4090** is the secret key.

Encrypt/Decrypt text

Text to be processed:

```
HawL3rBftU3SRfjiHQ66Anxi6GTMmOGjs4H2IVKMbvDhobLzBVT/G+kVTcSpfdBTjpKlI4fmCtzLUD1DuzOSikuUH9Kz++rTqGuYelGRd8u6Zq1tj46RCBX2SPqyPKPPubcZXWuRs5ujjHUvb2qflh+gvOtiPDXse4fG3TkeXOc81Pri0zAgYofcOsPo7omZq4bf5l8dqYdU3SwgUN1MbQ==
```

Settings:

Password: <— rtx4090

☐ Encrypt
☒ Decrypt

✓ Encrypt/Decrypt text ✕ Reset

Output:

```
https://vishwactf.com/uyevbuwe27/f3ad1a9f47b4901258785cd18d8b71d7.jpg
```

Copy to clipboard

- 3) The given cipher key after decryption generates, the following link :
- <https://vishwactf.com/uyevbuwe27/f3ad1a9f47b4901258785cd18d8b71d7.jpg>

The link redirects to the website of VishwaCTF, containing a jpg file.

- 4) The metadata of the jpg file contains the password for the fourth zip file named **"One step further.zip"**.



- 5) The password for the zip file is :
"VishwaCTF_is_the_flagship_event_of_CyberCell_VIIT.At_its_inception,_VishwaCTF'21_was_the_1st_global_CTF_from_Maharashtra_and_the_3rd_largest_from_India."
- 6) The zip file contains morse code audio which gives the following output on decryption :
"Why are we still here just to suffer"
- 7) By searching the same dialogue on search engines, it gives results of a fictional character named "Kazuhira Miller" from the very popular game **"Metal gear solid V : phantom pain"**.
- 8) The director for the game is none other than Legend **"Hideo Kojima"** and congratulations this is the flag!