



The challenge comprises a flag that is stored in a text file named "secret", which is embedded in an image (logo.jpg) that itself is embedded in an image (portada.jpg). In order to extract the small image (logo.jpg), you need to use the password "pass". Then you will need a second password to extract the "secret" file from logo.jpg, where the corresponding MD5 can be obtained from the metadata of portada.jpg.

To solve the challenge:

Use the exiftool to get the first password and the MD5 of the second password

Use steghide to extract the logo.jpg file from portada.jpg (the password is "pass")

Use steghide to extract the secret file from logo.jpg (the password is "tukutuku")

Flag: vec{VEC2022-Steganography}