PICOCTF 2023

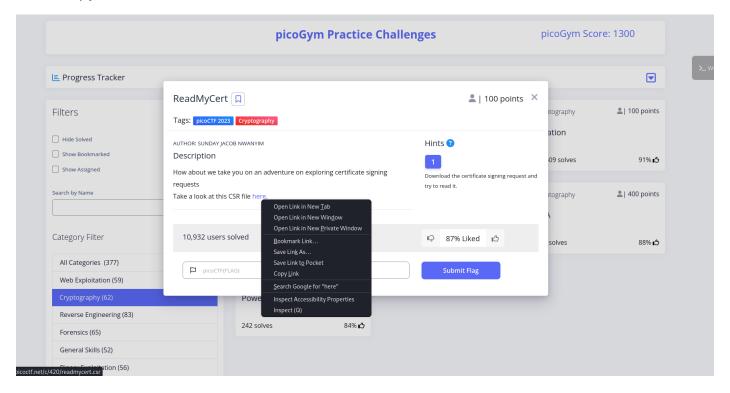
CATEGORY: Cryptography

CHALLENGE: ReadMyCert

PONTS: 100

WRITEUP

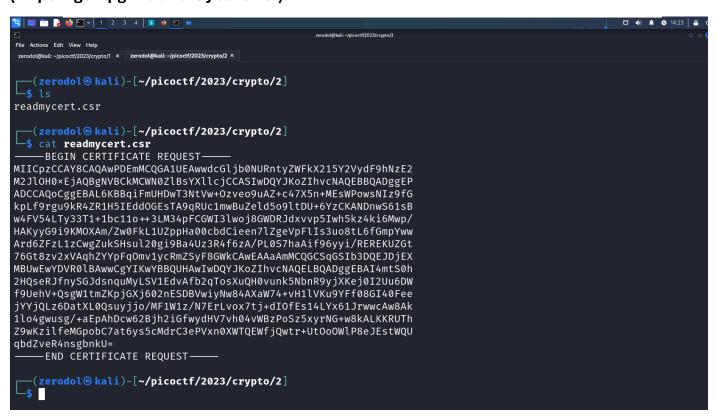
First I copy the link of the file



Next I download the file using the wget command. We have a csr file named readmycert.csr

```
S | 🛄 🛅 🍃 🐞 둅 v | 1 2 3 4 | 🛐 🐞 🖭 🖿
                                                        odol@kali: ~/picoctf/2023/crvpto/2
File Actions Edit View Help
zerodol@kali: ~/picoctf/2023/crypto/1 × zerodol@kali: ~/picoctf/2023/crypto/2 >
   -(<mark>zerodol®kali</mark>)-[~/picoctf/2023/crypto/2]
$ sudo wget https://artifacts.picoctf.net/c/420/readmycert.csr
[sudo] password for zerodol:
--2024-04-17 14:19:02-- https://artifacts.picoctf.net/c/420/readmycert.csr
Resolving artifacts.picoctf.net (artifacts.picoctf.net)... 108.157.78.99, 108.157.78.8, 108.157.78.6, ...
Connecting to artifacts.picoctf.net (artifacts.picoctf.net)|108.157.78.99|:443 ... connected.
HTTP request sent, awaiting response... 200 OK
Length: 997 [application/octet-stream]
Saving to: 'readmycert.csr'
readmycert.csr
                                                                                             997 --.-KB/s
2024-04-17 14:19:03 (18.7 MB/s) - 'readmycert.csr' saved [997/997]
  -(zerodol⊛kali)-[~/picoctf/2023/crypto/2]
readmycert.csr
  -(zerodol®kali)-[~/picoctf/2023/crypto/2]
```

I display the content of the file with the cat command and we have something that seems to be encrypted in base64. But, no rush, we can check that with our **cyberchef** (https://gchq.github.io/CyberChef)



On **cyberchef** (https://gchq.github.io/CyberChef) we choose **"from base64"** and we paste our encrypted content. Bingo we can see the flag: picoCTF{read_mycert_a7163be8}

