interencdec

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Description

Can you get the real meaning from this file.

Download the file here.

Hints ❓

1

22,302 users solved

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picoCTF{FLAG}

Submit Flag

PICO GYM

Name: interencdec
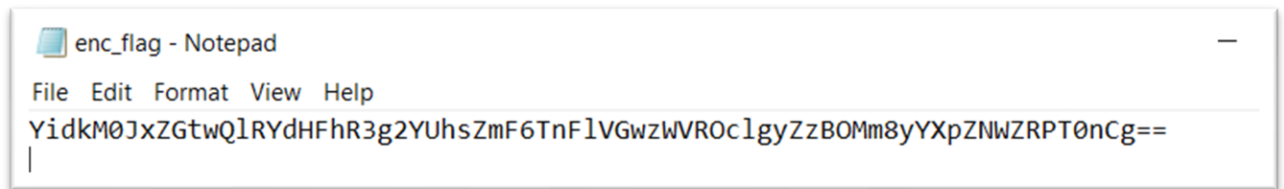
Downloadable Files:

1. enc.flag

SOLUTION

- open the file [enc.flag] on regular notepad. You should see this:

YidkM0JxZGtwQlRYdHFhR3g2YUhsZmF6TnFlVGwzWVROclgyZzBOMm8yYXpZNWZR
PT0nCg==

enc_flag - Notepad

File Edit Format View Help

YidkM0JxZGtwQlRYdHFhR3g2YUhsZmF6TnFlVGwzWVROclgyZzBOMm8yYXpZNWZRPT0nCg==

- copy the ciphertext and analyze it on dcode.fr/cipher-identifier. I determined that it's a base64. When using the bruteforce decode for base64, I got the following result:

b'd3BqdkpBTXtqaGx6aHlfazNqeTl3YTNrX2g0N2o2azY5fQ=='

↑↓	↑↓
base64	b'd3BqdkpBTXtqaGx6aHlfazNqeTl3YT NrX2g0N2o2azY5fQ=='

- After checking it for a bit, I realized that I could probably take the first b and the ' ' and decode the rest using base64. And I got this result:

wpjvJAM{jhlzhy_k3jy9wa3k_h47j6k69}

Search for a tool

★ SEARCH A TOOL ON DCODE BY KEYWORDS:

e.g. type 'boolean'

★ BROWSE THE FULL DCODE TOOLS' LIST

Results

d3BqdkpBTXtq…Q==

⚠ Output limited to printable characters (other chars replaced by ◆)

↑↓	↑↓
base64	wpjvJAM{jhlzhy_k3jy9wa3k_h47j6k6 9}

BASE 64 DECODER
★ BASE64 CIPHERTEXT ⑦

d3BqdkpBTXtqaGx6aHlfazNqeTl3YTNrX2g0N2o2azY5fQ==

★ MODE ⑦ ○ BASE64 (STANDARD RFC 4648) ⑦
● BRUTEFORCE: TRY ALL BASE64 VARIANT (SEE FAQ) ⑦
○ NO CASING: UPPER-LOWERCASE IS WRONG/LOST (BRUTEFORCE MAX 50 CHARS) ⑦
★ RESULTS FORMAT ● STRING OF PRINTABLE CHARACTERS (ASCII/UNICODE)
○ HEXADECIMAL 00-7F-FF
○ DECIMAL 0-127-255
○ OCTAL 000 177 377

- Seeing the curly brackets led me to think that I'm getting close. After some trial and error, I determined that it might be ROT cipher. Using the a ROT Cipher Decoder, I got this answer: picoCTF{caesar_d3cr9pt3d_a47c6d69}

Results		
↑↓	↑↓	
ASCII[!-~]+7	picoC:FtcaesarXd,cr2pZ,dXa-0c/d/2v	
ASCII[!-~]+37	RKEQ%z(VECGUCT:FlETrR<lF:CmpEoForX	
[A-Z]+7	picoCTF{caesar_d3cr9pt3d_a47c6d69}	

ROT CIPHER DECODER

★ ROTED TEXT ⑦

wpjvJAM{jhlzhy_k3jy9wa3k_h47j6k69}

AUTOMATIC DECRYPTION (BRUTE-FORCE)

★ (EXPECTED) PLAINTEXT LANGUAGE   English