

राईकवाCTF

CHALLENGE NAME : [TEYVAT TALES]

DEV : [AMRUTA PATIL]

CATEGORY : [CRYPTOGRAPHY]

LEVEL : [HARD]



2024

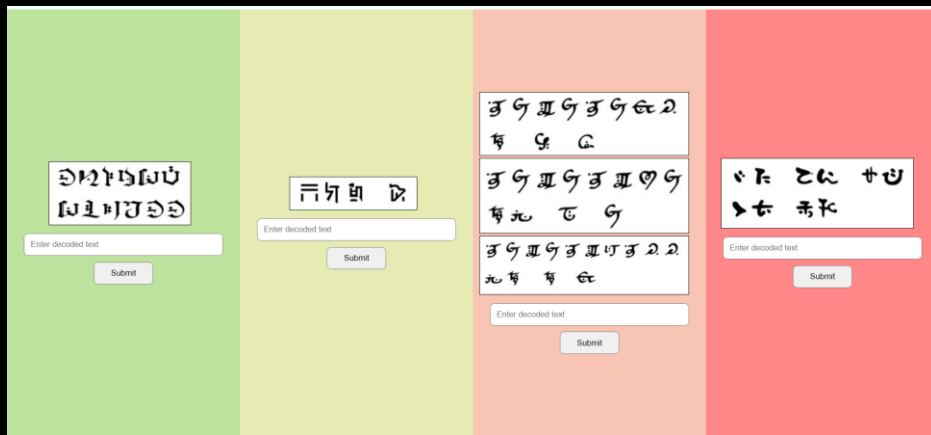
Description:

All tavern owners in Mondstadt are really worried because of the frequent thefts in the Dawn Winery cellars. The Adventurers' Guild has decided to secure the cellar door passwords using a special cipher device. But the cipher device itself requires various specifications....which the guild decided to find out by touring the entire Teyvat.

Hint:

The Guild started from the sands of Deshret then travelled through the forests of Sumeru and finally to the cherry blossoms of Inazuma.

Solution:



This is what the given web instance opens up to. We see 4 different types of ciphers. From the description it is clear that the question revolves around the languages found in the game Genshin Impact.

Dcode provides decoders for all of these ciphers. Extra hint has been given to find out which language is which.



The correct inputs are:

Input 1: Enigma M3

Input 2: UKW C

Input 3: rotor1 i p m rotor2 iv a o rotor3 vi i n

Input 4: vi sh wa ct fx

On entering correct inputs, another encoded string is revealed.



The solver must use previously decoded strings as specifications required for using Enigma Machine to decode the final flag string.

VIEW
Text
cynipj_re_lskr-yazn_mbsj

ENCODE DECODE
Enigma machine

MODEL
Enigma M3
REFLECTOR
UKW C

ROTOR 1
I
POSITION
- 16 P
RING
- 13 M

ROTOR 2
IV
POSITION
- 1 A
RING
- 15 O

ROTOR 3
VI
POSITION
- 9 I
RING
- 14 N

PLUGBOARD
vi sh wa ct fx
FOREIGN CHARS
Include Ignore
Decoded 24 chars

VIEW
Text
beware_of_tone-deaf_bard

<https://cryptii.com/>

<https://www.dcode.fr/genshin-impact-languages>

Flag:

VishwaCTF{beware_of_tone-deaf_bard}