

NOVA CTF {2023} - Unidentified
[MISC ENGINEERING CHALLENGE]

Given Description:

鸚□□潮艇顯□啥□□磁□險狎漏□驪渚萌驢啞附齡□唬□鳩□□隄鸛□□隄□卷驤□□頰□驩鸚鯢羣稊
鵠□唬驢鳴□啥啡馱啞登□□啞□啞□換萌□鳩□□□鰈驪□卷鵠□萌驢啞附齡□唬□鳩□□隄鸛□□隄□
卷驤□□唬隄卷驢□鯨額饥隄饮鳩卷□□□□喏□□驪□□售驗□驢啤□破□□顯□啥□啤□□鶯□啤鸚啞
□□□啞□□□鸛□挽磁□險啞□隄鳴鰈□喏除鯢□□卷□啤□□饥額陣□啥陣鰈□唬□啤驪□□音□□隄
驢駛啞□□□□□咽□饋啥陣□□挽鰈□啞□□驪卷□鶴陣驢□隄啞附齡□鳩卷□□□□喏鸚鸛鯢□□鳩啞
啡驢□驢□顯□□啞□稠□驢□稠□□挽素啥隄卷啡□□音驢□□啦□階音驪額□□□□□音□隄□鵠□噴
□□□驢□鳴□售□□□□喏□□咽□鸚□陞驢鳴□鳴飢□□唬隄鵠□鳩□□□啞鸚卷□陣鸛□隄饮□□□□□
唬□啤陣轟鳴□鳩□咽□□餞拚鰈□破齡□露啥□□□噴齡鵠隄□陷啞魯鳴鰈□喏□□馬啤鰈□□□□□□
音□□飢啥□破齡鵠露額□嚕□啤□□□捻素□□□唬鵠□鳩卷啡鸚鵠□□啞登□□慮隄饮□啥□馳
□□□□咽□□鸛駁驢□驢馱額□鸛□隄啞□音鸛馱拚踰□啞□□□隄饮驢□□驪額啥崎轟□□□驪露□啞
陣饮飢□啥□啞鵠□□□鸛□唬□隄据說啥□□啞鵠□□□□□音□□隄驢駛啞□□□□□咽□□噴附齡□□
咽□□額挽鰈□啞鰈□□鳴□啥□□啤鵠啥驢□□啥□□鸚鵠鳴啥□□□□驪餅□鸛□隄□□□□□□鸛□拚
構□□咽□額啥□馱響□□鸛□卷□□驪□齋鸛驢售鰈驛馱勒□唬鸛馱鳩卷魯□驪驢□□驪售□餞□頁慇
稠鵠□售駿啥陞驢□啦鵠啥□□啤驪馳饮卷□□□啞□顧□拚鰈鳴□餌鵠□□□□□餞投□□驛楸□□歡
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Solution:

Decode the language using base65536 on which you will get

Mission: Locate Owen Davian

Target: Owen Davian, an international arms dealer

Briefing:

Ethan, we have a new mission for you. Our intel suggests that Owen Davian, an international arms dealer, has resurfaced and is currently on the run. We need you to locate and apprehend him as soon as possible. Davian is a highly dangerous and unpredictable target, and he will do whatever it takes to evade capture.

Our sources indicate that Davian is currently hiding out in a remote location in Eastern Europe. He has a small team of loyal henchmen who will do anything to protect him. Your task is to infiltrate his hideout, gather intel on his location and movements, and take him into custody.

You will be working with a team of highly skilled agents who will provide you with backup and support. However, this is a high-risk mission, and we expect you to exercise extreme caution at all times. Your skills and experience make you the best candidate for this mission, Ethan. We trust that you will do whatever it takes to bring Davian to justice.

Our agents have found the website in which he stores the details about our missions. Try to trace some footprints on the website.

Remember, time is of the essence. Good luck, Ethan. The fate of the world depends on your success.

hfwudrhqwssarxqyrvfx2ssvr2ex4npyoa6mk2ws4eg4gpa57bndsjid.onion

At the end we can see the onion URL.

- Inspecting the site we can find that there is a hidden image in the site. We need to analyze the image in which we can find metadata with a description: password: grace
- Using steghide we can extract the flag from the image.

Solving it - the flag is NOVA{1t_15_4_r4c3_4g41n5t_t1m3}