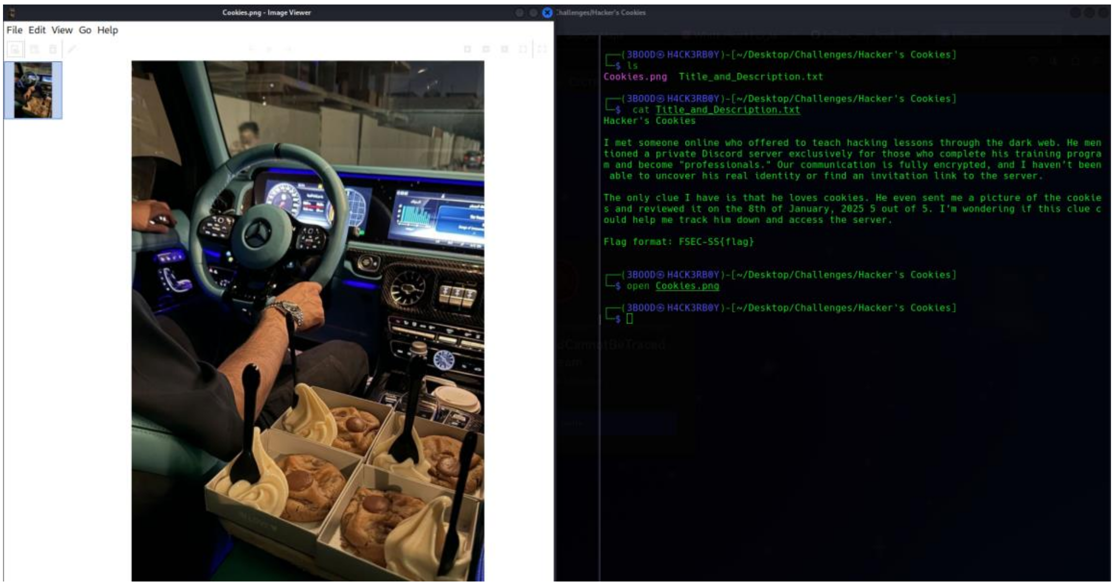


```
┌──(3BOOD㉿H4CK3RB0Y)-[~/Desktop/Challenges/Hacker's Cookies]
└─$ ls
Cookies.png  Title_and_Description.txt

┌──(3BOOD㉿H4CK3RB0Y)-[~/Desktop/Challenges/Hacker's Cookies]
└─$  cat Title_and_Description.txt
Hacker's Cookies

I met someone online who offered to teach hacking lessons through the dark web. He men
tioned a private Discord server exclusively for those who complete his training progra
m and become "professionals." Our communication is fully encrypted, and I haven't been
 able to uncover his real identity or find an invitation link to the server.

The only clue I have is that he loves cookies. He even sent me a picture of the cookie
s and reviewed it on the 8th of January, 2025 5 out of 5. I'm wondering if this clue c
ould help me track him down and access the server.

Flag format: FSEC-SS{flag}


┌──(3BOOD㉿H4CK3RB0Y)-[~/Desktop/Challenges/Hacker's Cookies]
└─$ open Cookies.png

┌──(3BOOD㉿H4CK3RB0Y)-[~/Desktop/Challenges/Hacker's Cookies]
└─$ 
```

Title: Hacker's Cookies

Description:

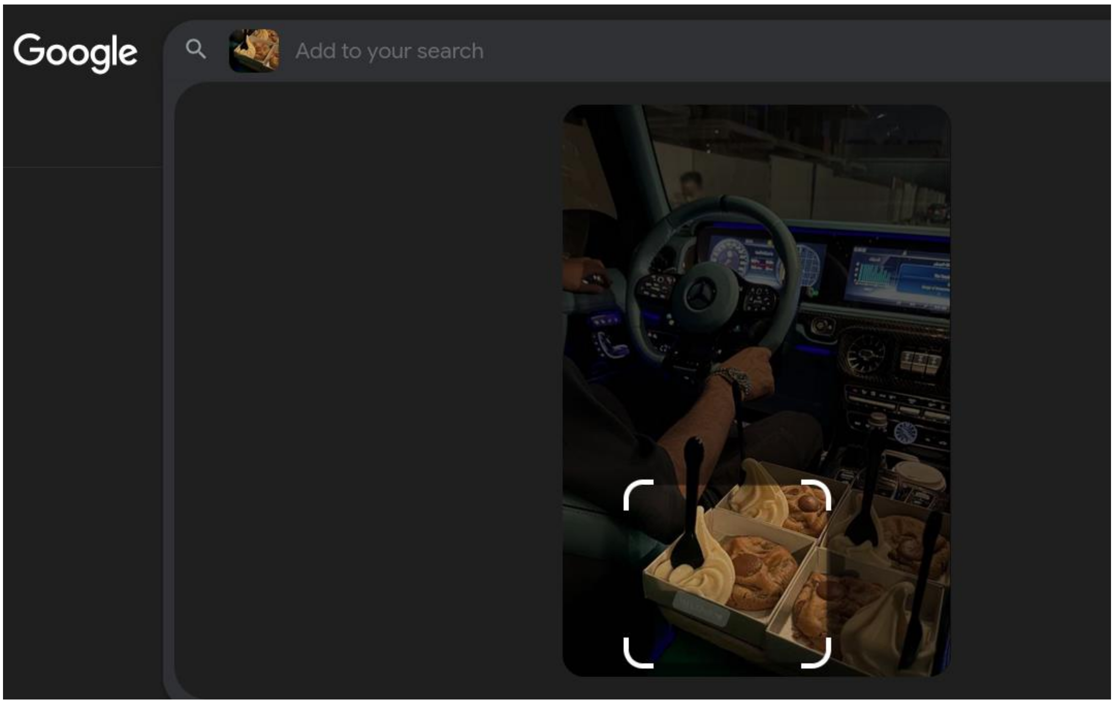
I met someone online who offered to teach hacking lessons through the dark web. He mentioned a private Discord server exclusively for those who complete his training program and become "professionals." Our communication is fully encrypted, and I haven't been able to uncover his real identity or find an invitation link to the server.

The only clue I have is that he loves cookies. He even sent me a picture of the cookies and reviewed it on the 8th of January, 2025 5 out of 5. I'm wondering if this clue could help me track him down and access the server.

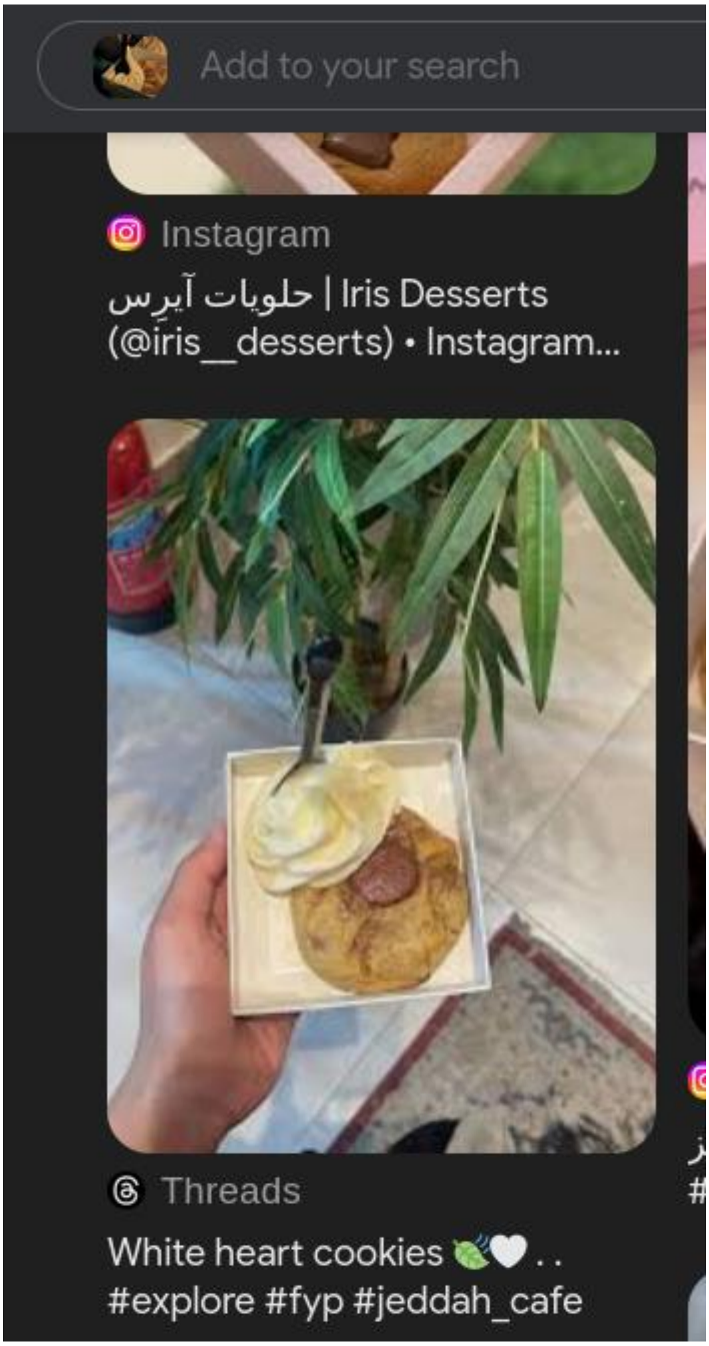
Flag format: FSEC-SS{flag}

Hints the player should extract:

1. **Cookies**: The focus is on cookies, which could refer to cookies shop or some café
2. **Invitation Link**: The goal is to find the Discord server's invitation link.
3. **Google Maps Review**: The mention of the review date suggests it might be a Google Maps review.
4. **Social media story**: The image of the cookies looks good, so it's likely the person posted it on their social media story and tagged the cookie shop.



The only special things in the picture are the cookies, the chocolate on top, the cream, and the packaging. To find out where the cookies are from, I used **Google Lens** to search for them.



Add to your search

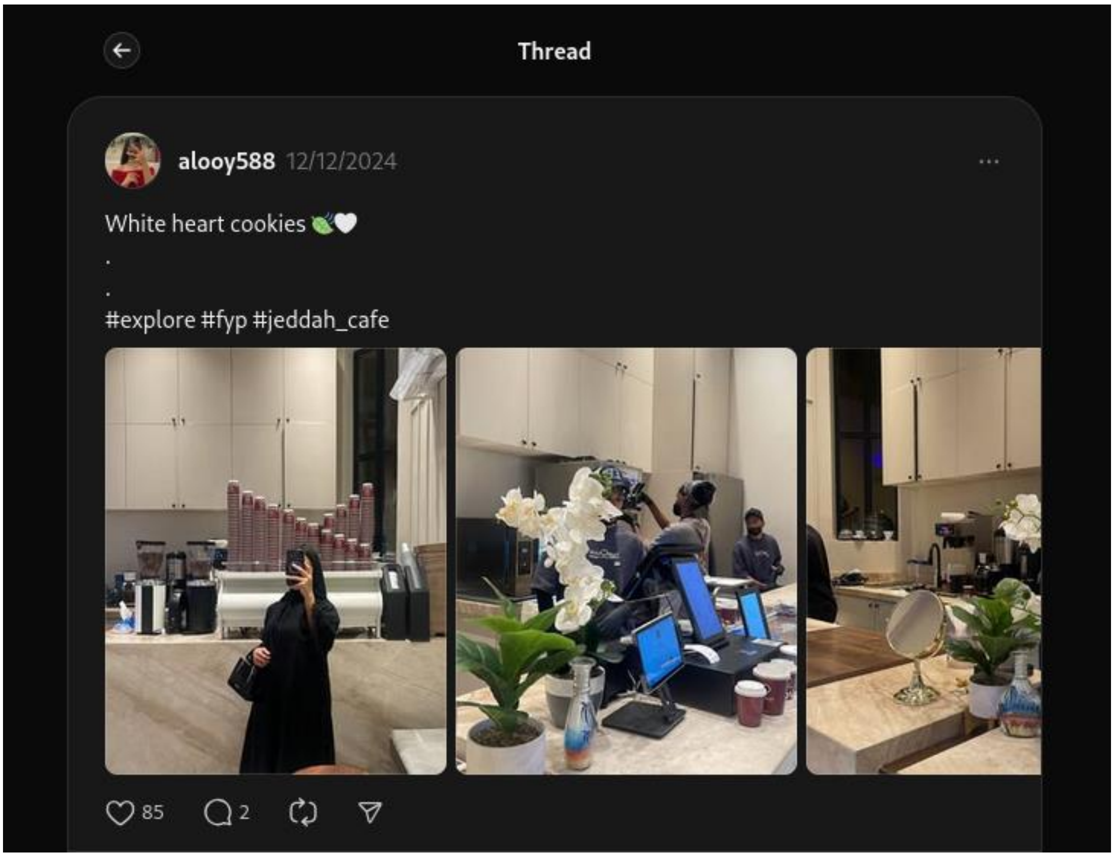
Instagram

حلويات آيرِس | Iris Desserts (@iris__desserts) • Instagram...

Threads

White heart cookies 🍃🤍 . .
#explore #fyp #jeddah_cafe

We found that the cookies in the post match perfectly same chocolate on top, same packaging, same cream, and even the same spoon (or whatever that is).



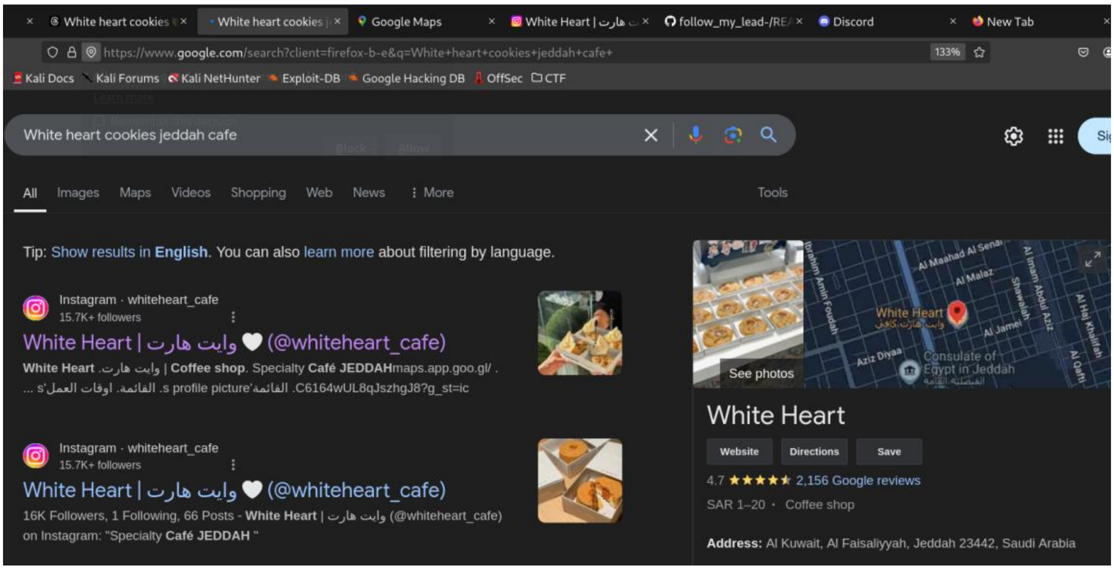
Thread

alooy588 12/12/2024

White heart cookies 🍃🤍
.
.
#explore #fyp #jeddah_cafe

♡ 85 2

From the post, we discovered the name of the cookie shop: **“White Heart Cookies.”** One of the hashtags is a includes the city, which is **Jeddah**.



https://www.google.com/search?client=firefox-b-e&q=White+heart+cookies+jeddah+cafe+

White heart cookies jeddah cafe

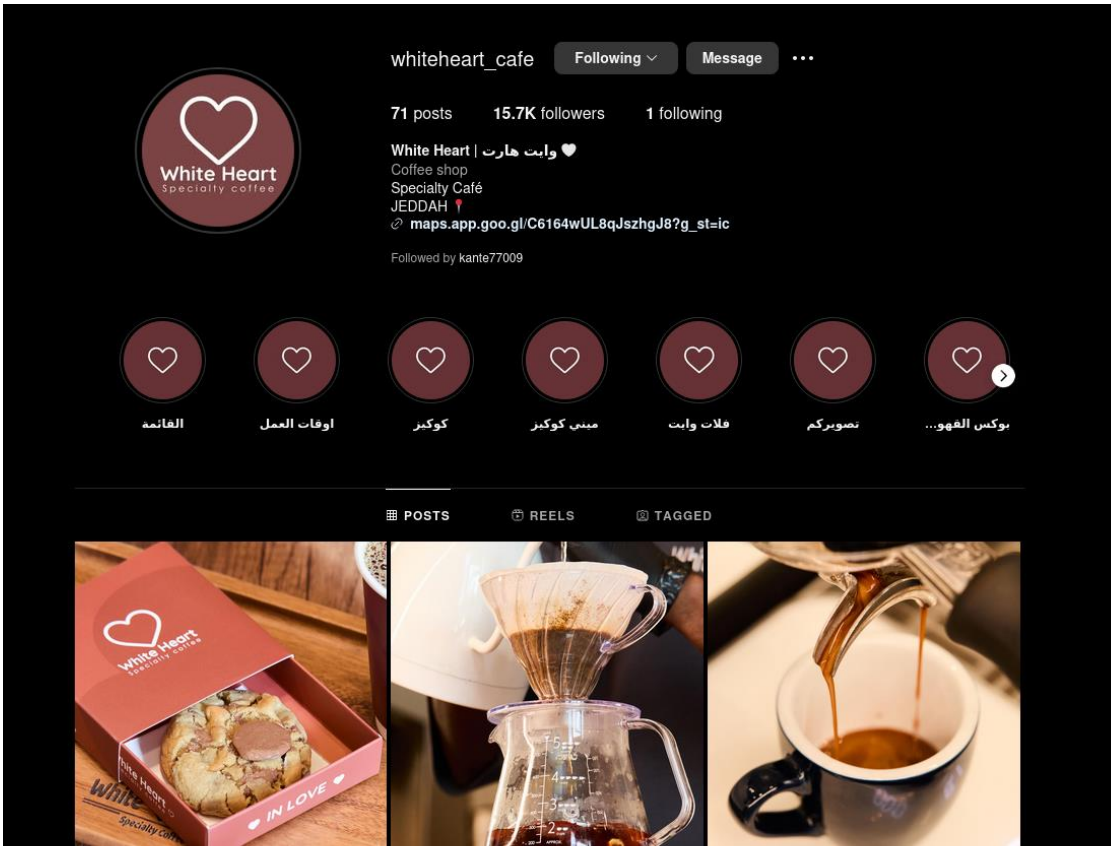
Tip: Show results in **English**. You can also learn more about filtering by language.

Instagram · whiteheart_cafe
15.7K+ followers
White Heart | وايت هارت 🤍 (@whiteheart_cafe)
White Heart .وايت هارت | **Coffee shop**. Specialty **Café JEDDAH**maps.app.goo.gl/ .
... s'اوقات العمل .القائمة .s profile picture'القائمة .C6164wUL8qJszhgJ8?g_st=ic

Instagram · whiteheart_cafe
15.7K+ followers
White Heart | وايت هارت 🤍 (@whiteheart_cafe)
16K Followers, 1 Following, 66 Posts - **White Heart** | وايت هارت (@whiteheart_cafe) on Instagram: "Specialty **Café JEDDAH** "

White Heart
4.7 ★★★★★ 2,156 Google reviews
SAR 1–20 · Coffee shop
Address: Al Kuwait, Al Faisaliyyah, Jeddah 23442, Saudi Arabia

After searching for **“White Heart Cookies Jeddah café,”** I was able to locate the café’s address and their Instagram account.



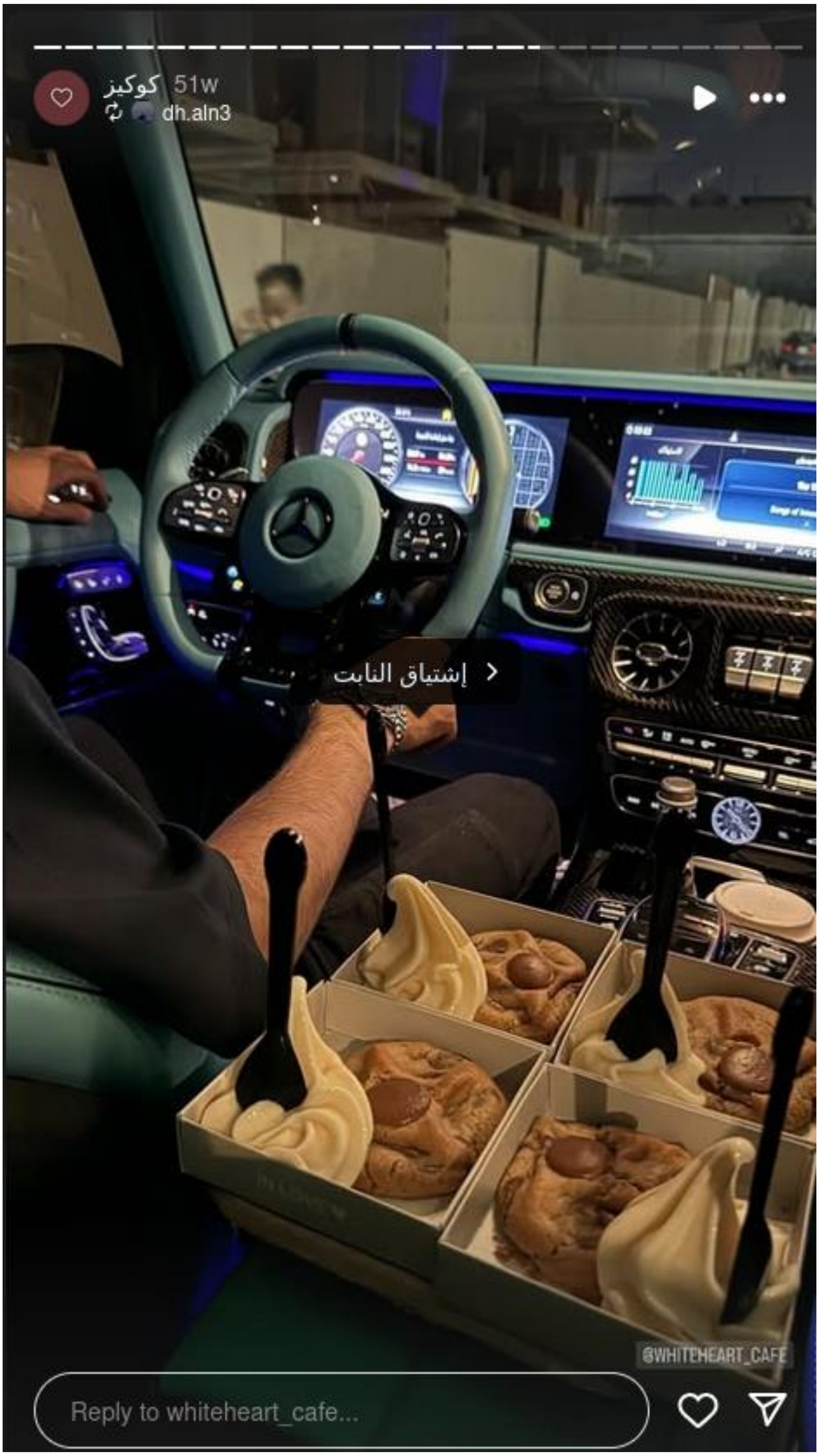
whiteheart_cafe

71 posts 15.7K followers 1 following

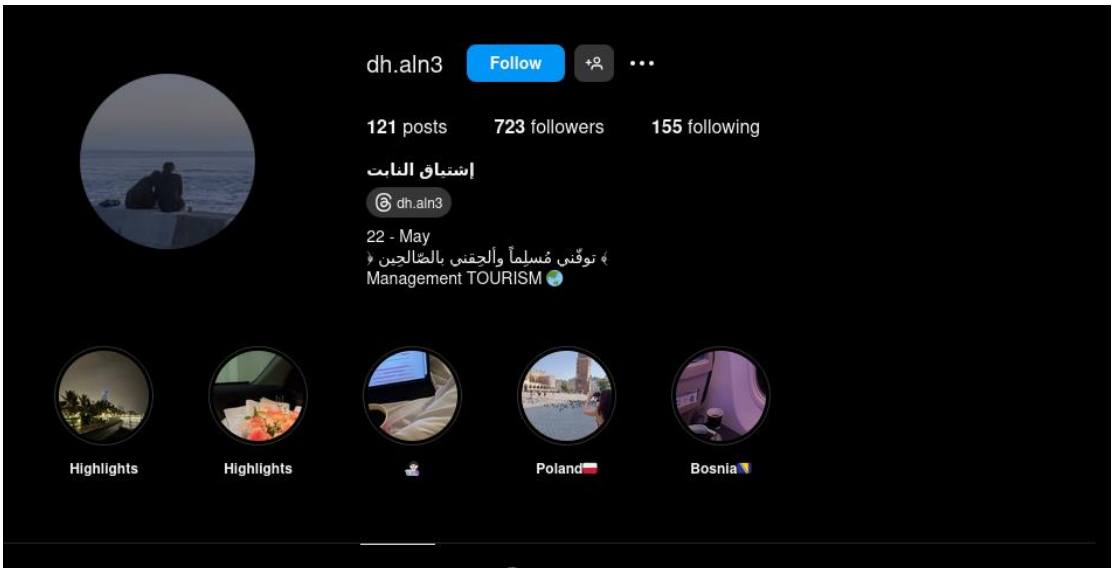
White Heart | وايت هارت 🤍
Coffee shop
Specialty Café
JEDDAH 📍
maps.app.goo.gl/C6164wUL8qJszhgJ8?g_st=ic

Followed by kante77009

Let’s save the Instagram page for later analysis.



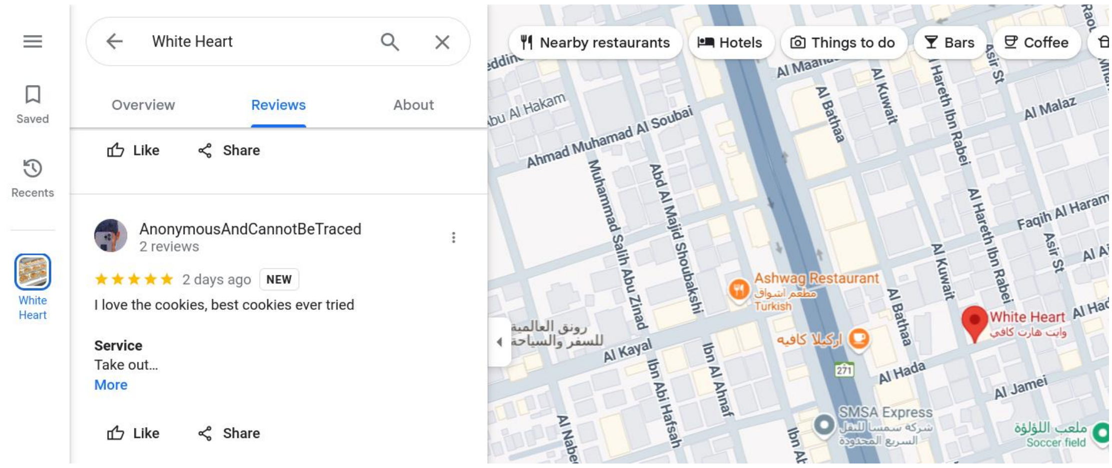
We found the image in the account's highlights, and by clicking on the story, we can identify the hacker's account.



إشتياق الثابت

22 - May
توقني مُسلماً وألحقني بالصّالحين
Management TOURISM

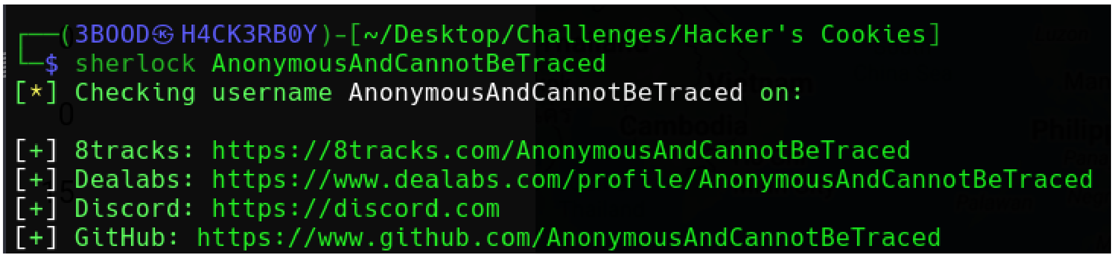
There's nothing particularly special in the account, so we'll save it in case we need it for further analysis later.



AnonymousAndCannotBeTraced
2 reviews
★★★★★ 2 days ago NEW
I love the cookies, best cookies ever tried

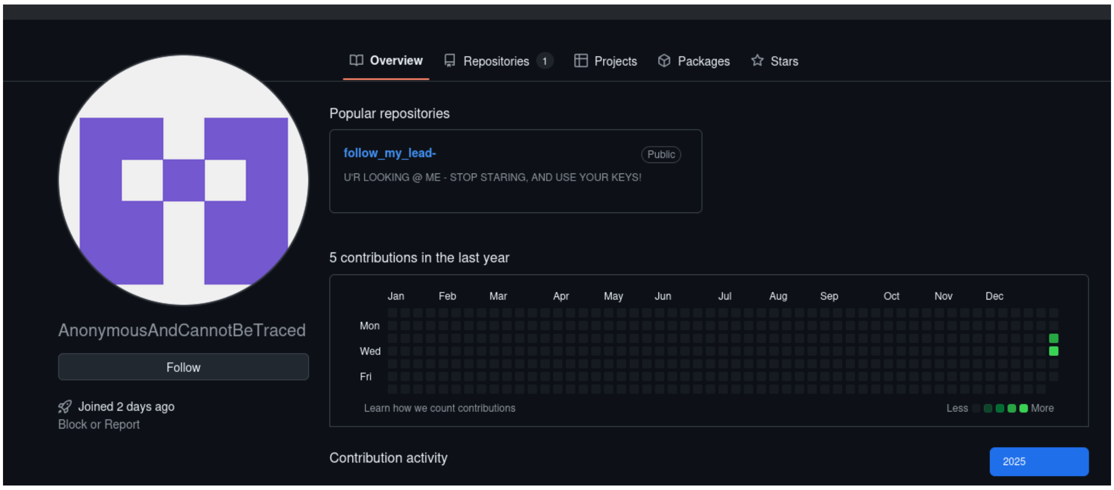
Service
Take out...
More

Now, we're searching for his review on Google Maps dated **January 8th, 2025**. The review looks suspicious, especially the username: **AnonymousAndCannotBeTraced**



```
┌──(3BOOD㉿H4CK3RB0Y)-[~/Desktop/Challenges/Hacker's Cookies]
└─$ sherlock AnonymousAndCannotBeTraced
[*] Checking username AnonymousAndCannotBeTraced on:

[+] 8tracks: https://8tracks.com/AnonymousAndCannotBeTraced
[+] Dealabs: https://www.dealabs.com/profile/AnonymousAndCannotBeTraced
[+] Discord: https://discord.com
[+] GitHub: https://www.github.com/AnonymousAndCannotBeTraced
```

We used the **Sherlock tool** to search for accounts linked to the target username, **AnonymousAndCannotBeTraced**, and discovered his GitHub account.



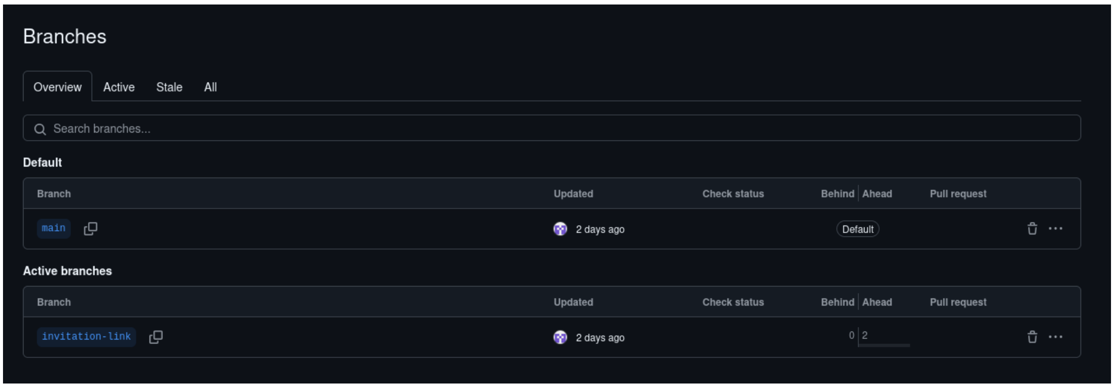
follow_my_lead- Public

U'R LOOKING @ ME - STOP STARING, AND USE YOUR KEYS!

5 contributions in the last year

Contribution activity

That's definitely him, so let's explore his account further.



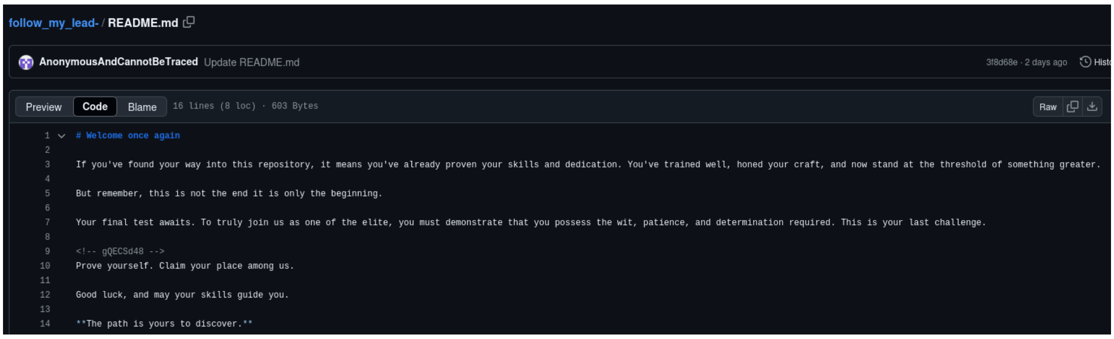
Default

Branch	Updated	Check status	Behind | Ahead	Pull request
main	2 days ago		Default	

Active branches

Branch	Updated	Check status	Behind | Ahead	Pull request
invitation-link	2 days ago		0 | 2	

In the main branch, we didn't find anything interesting, but there's another branch named **"invitation-link."** This seems to be exactly what we're looking for.



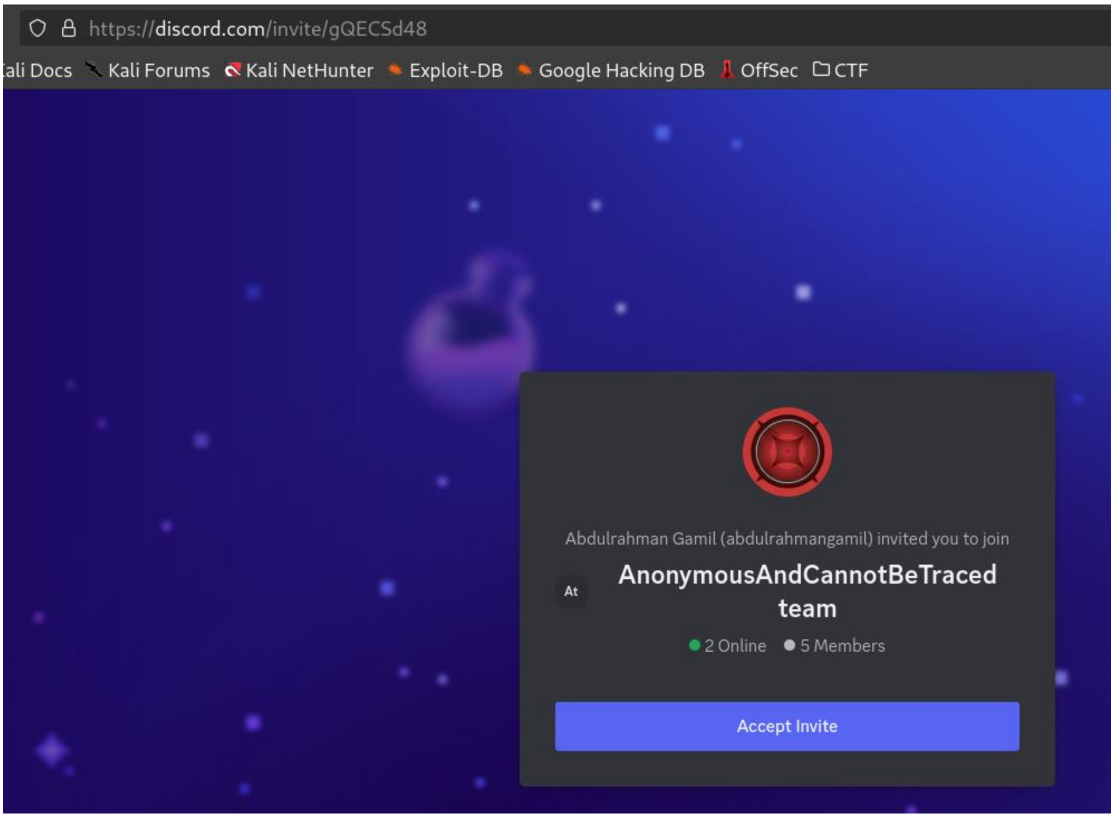
AnonymousAndCannotBeTraced Update README.md 3f8d68e · 2 days ago

16 lines (8 loc) · 603 Bytes

```
# Welcome once again

If you've found your way into this repository, it means you've already proven your skills and dedication. You've trained well, honed your craft, and now stand at the threshold of something greater.

But remember, this is not the end it is only the beginning.

Your final test awaits. To truly join us as one of the elite, you must demonstrate that you possess the wit, patience, and determination required. This is your last challenge.

<!-- gQECSd48 -->
Prove yourself. Claim your place among us.

Good luck, and may your skills guide you.

**The path is yours to discover.**
```

We found the invitation code in the form of a comment:

<!-- gQECSd48 -->



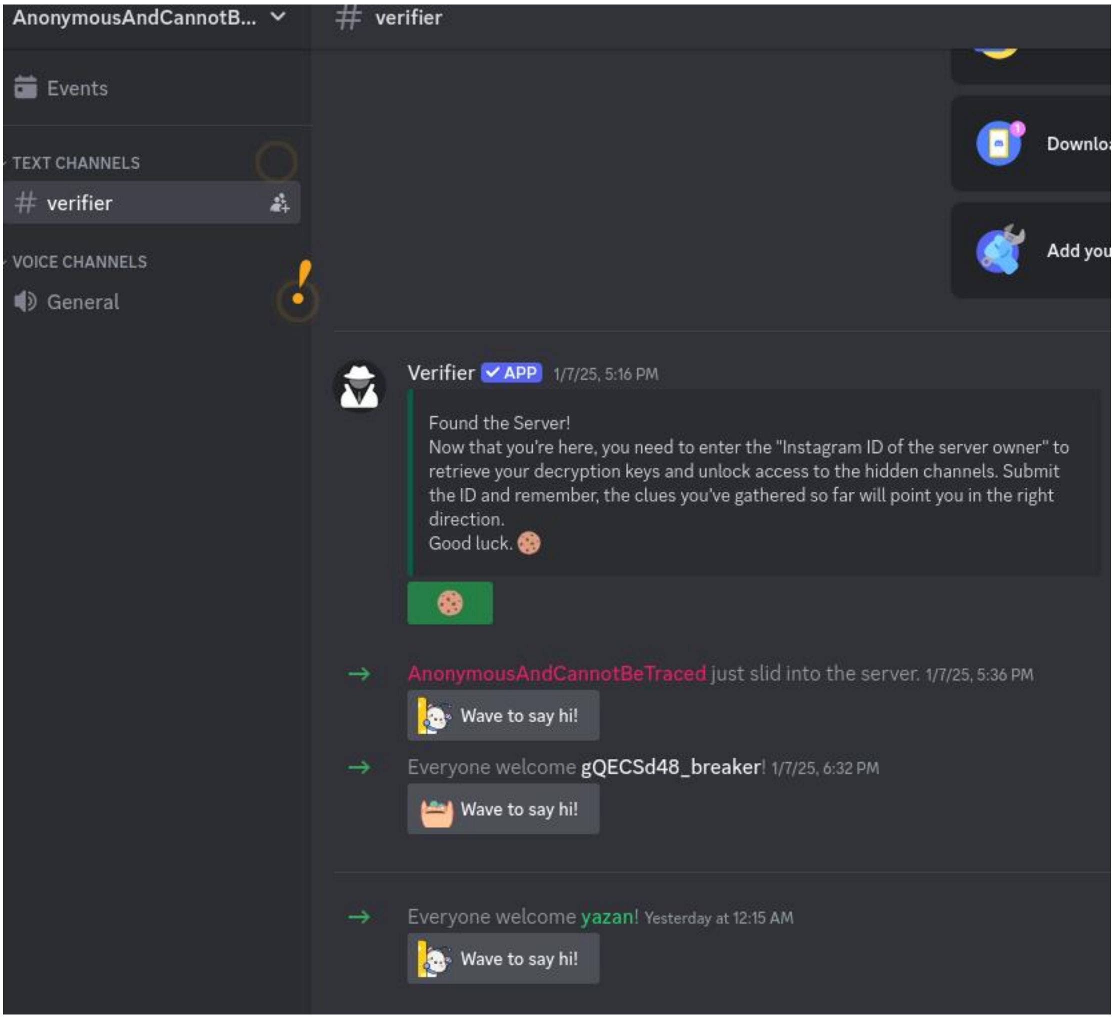
https://discord.com/invite/gQECSd48

Abdulrahman Gamil (abdulrahmangamil) invited you to join

AnonymousAndCannotBeTraced team

● 2 Online ● 5 Members

Now, we’ll use the invitation code to access the Discord server.



Verifier ✓ APP 1/7/25, 5:16 PM

Found the Server!
Now that you're here, you need to enter the "Instagram ID of the server owner" to retrieve your decryption keys and unlock access to the hidden channels. Submit the ID and remember, the clues you've gathered so far will point you in the right direction.
Good luck. 🍪

→ AnonymousAndCannotBeTraced just slid into the server. 1/7/25, 5:36 PM

Wave to say hi!

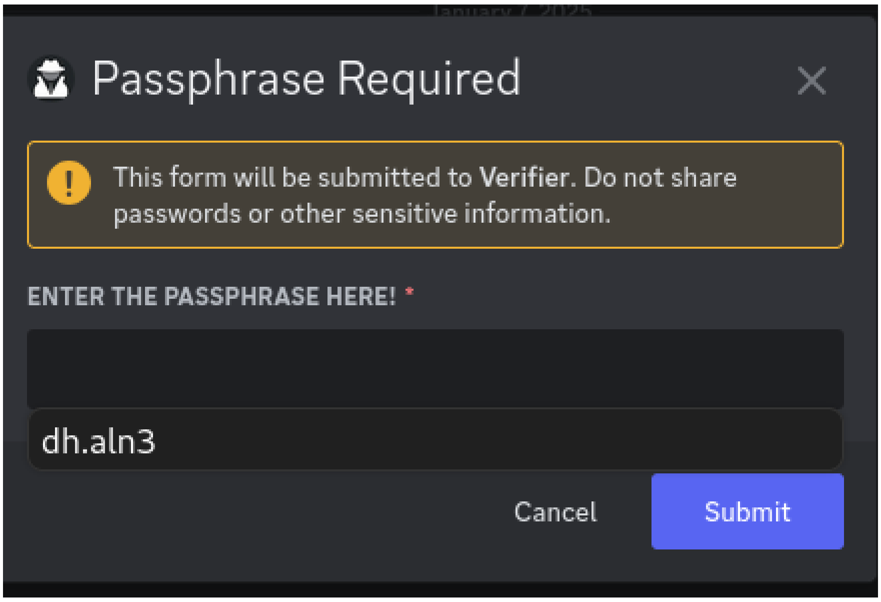
→ Everyone welcome gQECSd48_breaker! 1/7/25, 6:32 PM

Wave to say hi!

→ Everyone welcome yazan! Yesterday at 12:15 AM

Wave to say hi!

The server’s bot instructed me to enter the Instagram ID of the targeted user (the hacker himself) to reveal the flag and the decryption keys.



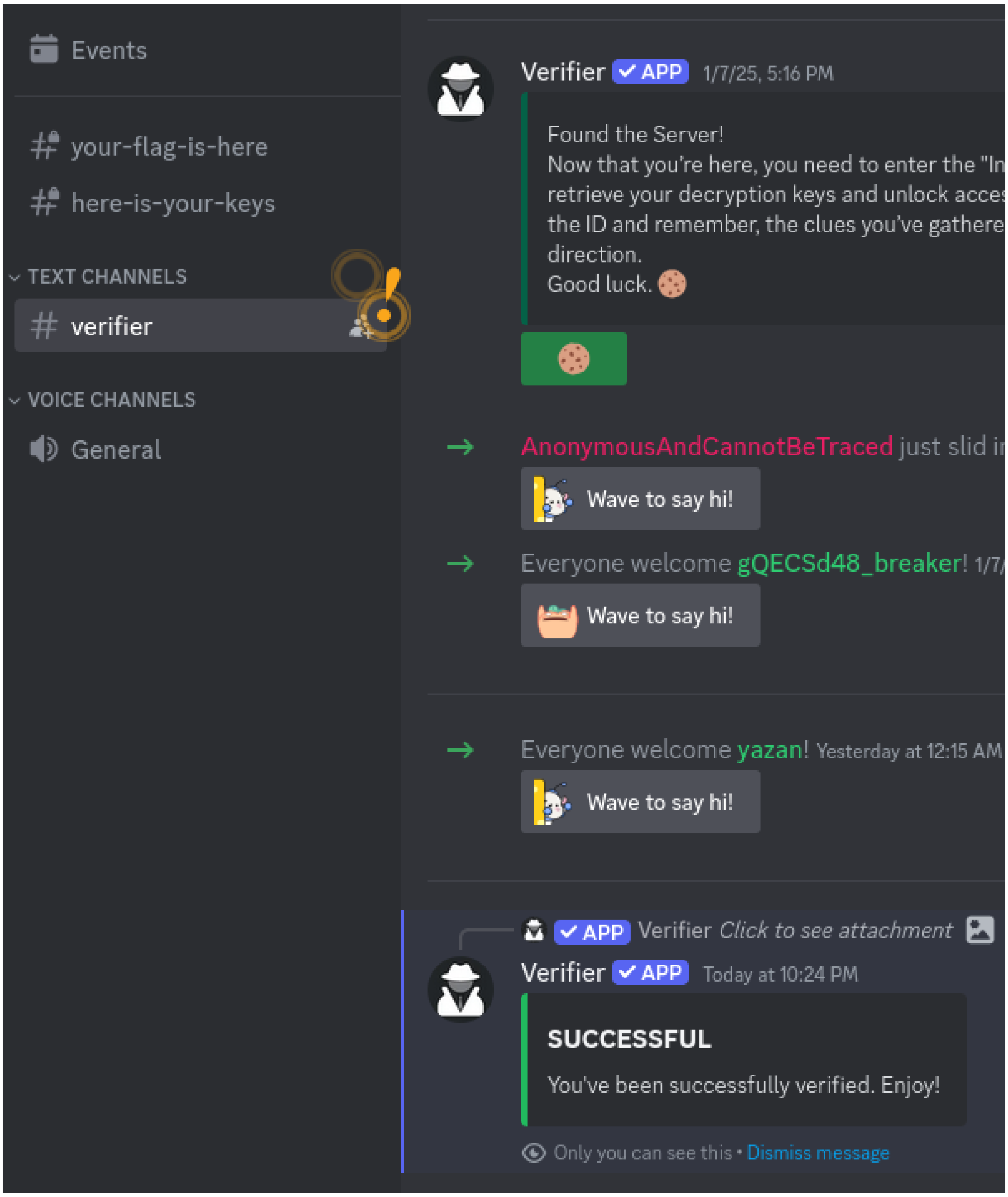
Passphrase Required

This form will be submitted to Verifier. Do not share passwords or other sensitive information.

ENTER THE PASSPHRASE HERE! *

dh.aln3

Earlier, we found his Instagram account, **dh.aln3**, so let’s use it as the passphrase to access the other channels.



Verifier ✓ APP 1/7/25, 5:16 PM

Found the Server!
Now that you're here, you need to enter the "In
retrieve your decryption keys and unlock acces
the ID and remember, the clues you've gathere
direction.
Good luck.

→ AnonymousAndCannotBeTraced just slid i

→ Everyone welcome gQECSd48_breaker! 1/7/

→ Everyone welcome yazan! Yesterday at 12:15 AM

✓ APP Verifier *Click to see attachment*

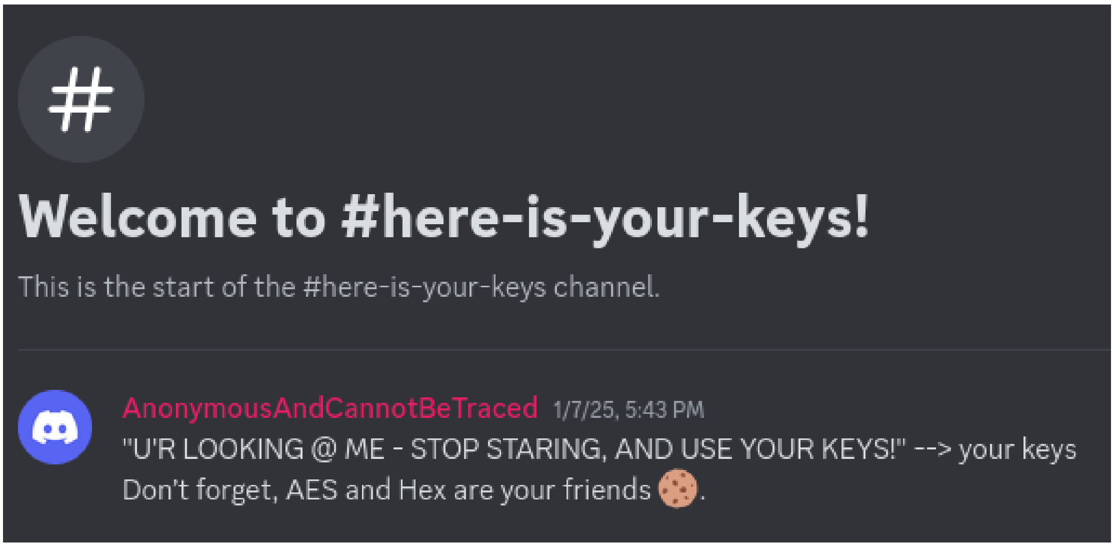
Verifier ✓ APP Today at 10:24 PM

SUCCESSFUL

You've been successfully verified. Enjoy!

Only you can see this •

After entering the passphrase, we gained access to two channels: one for the flag and the other for the decryption keys.



Welcome to #here-is-your-keys!

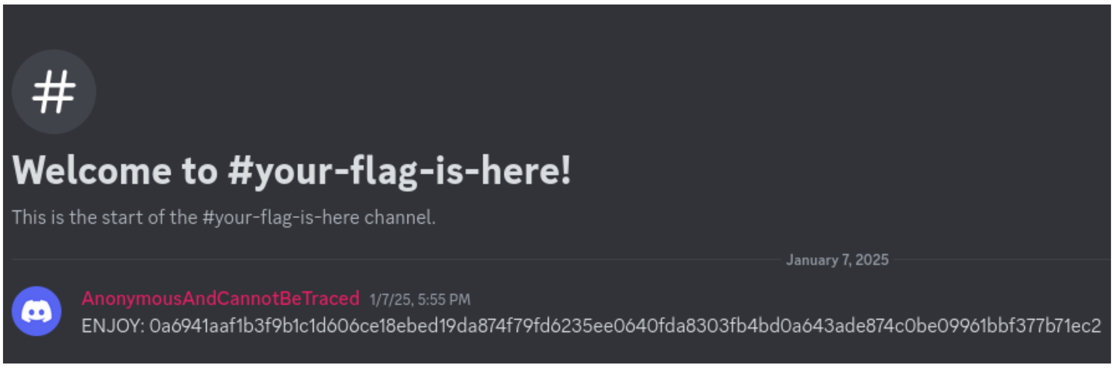
This is the start of the #here-is-your-keys channel.

AnonymousAndCannotBeTraced 1/7/25, 5:43 PM

"U'R LOOKING @ ME - STOP STARING, AND USE YOUR KEYS!" --> your keys

Don't forget, AES and Hex are your friends 🍪.

"U'R LOOKING @ ME - STOP STARING, AND USE YOUR KEYS!" --> your keys This hints that we need to use **Hex** and **AES**. However, since we can't use AES without the keys, we'll start by decoding the Hex and then proceed further.



Welcome to #your-flag-is-here!

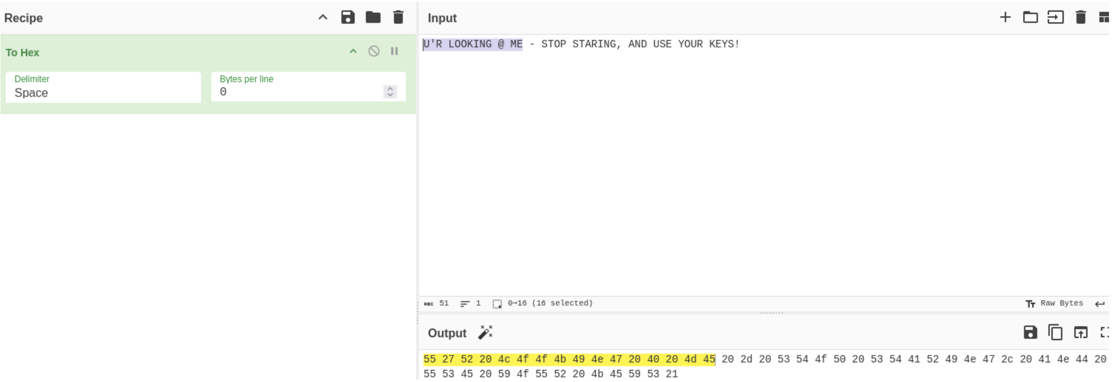
This is the start of the #your-flag-is-here channel.

January 7, 2025

AnonymousAndCannotBeTraced 1/7/25, 5:55 PM

ENJOY: 0a6941aaf1b3f9b1c1d606ce18ebed19da874f79fd6235ee0640fda8303fb4bd0a643ade874c0be09961bbf377b71ec2

Here's the encrypted flag, which appears to be an AES-encrypted text.



Recipe

To Hex

Delimiter: Space

Bytes per line: 0

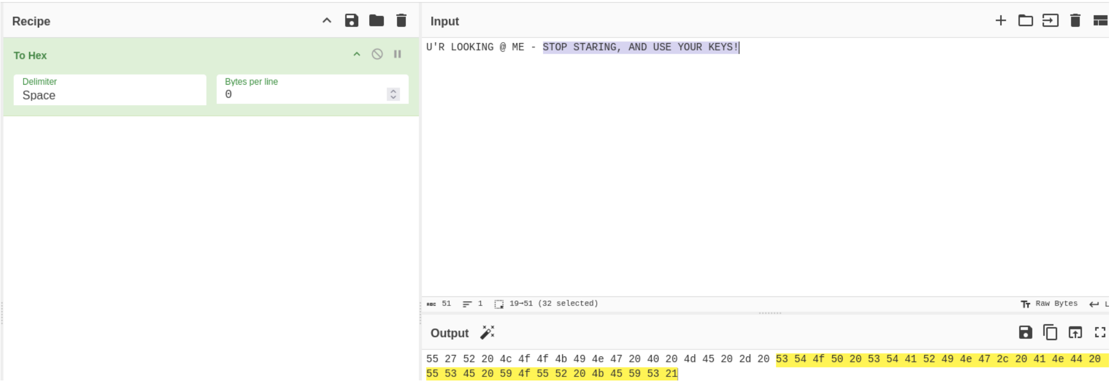
Input

```
U'R LOOKING @ ME - STOP STARING, AND USE YOUR KEYS!
```

51 1 0→16 (16 selected) Raw Bytes

Output

```
55 27 52 20 4c 4f 4f 4b 49 4e 47 20 40 20 4d 45 20 2d 20 53 54 4f 50 20 53 54 41 52 49 4e 47 2c 20 41 4e 44 20
55 53 45 20 59 4f 55 52 20 4b 45 59 53 21
```



Recipe

To Hex

Delimiter: Space

Bytes per line: 0

Input

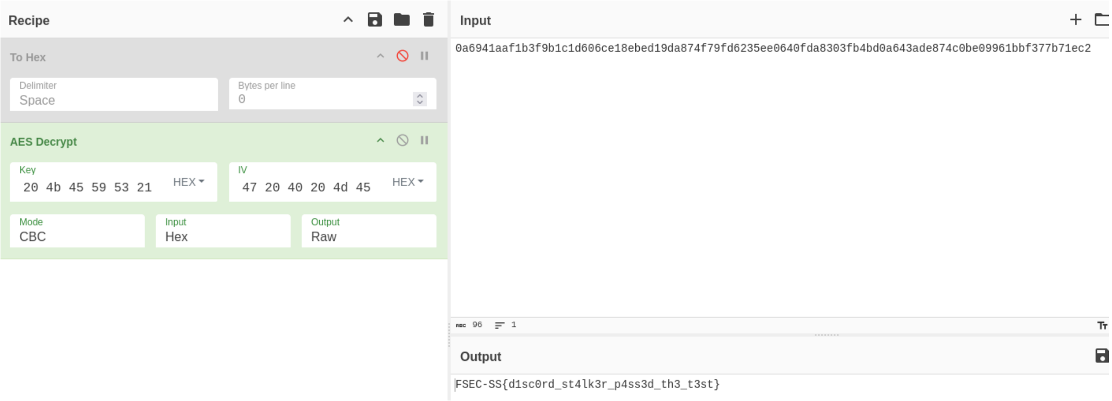
```
U'R LOOKING @ ME - STOP STARING, AND USE YOUR KEYS!
```

51 1 19→51 (32 selected) Raw Bytes

Output

```
55 27 52 20 4c 4f 4f 4b 49 4e 47 20 40 20 4d 45 20 2d 20 53 54 4f 50 20 53 54 41 52 49 4e 47 2c 20 41 4e 44 20
55 53 45 20 59 4f 55 52 20 4b 45 59 53 21
```

After converting the text to hex, we can see the first sentence is **16 bytes of hex**, which represents one of the keys (likely the IV). The second sentence is **32 bytes of hex**, representing the second key (the AES key). In AES encryption, the **IV (Initialization Vector)** is 16 bytes, and the **key** is 32 bytes, which are used together for the encryption process.



Recipe

To Hex

Delimiter: Space

Bytes per line: 0

AES Decrypt

Key: 20 4b 45 59 53 21 HEX

IV: 47 20 40 20 4d 45 HEX

Mode: CBC

Input: Hex

Output: Raw

Input

```
0a6941aaf1b3f9b1c1d606ce18ebed19da874f79fd6235ee0640fda8303fb4bd0a643ade874c0be09961bbf377b71ec2
```

96 1

Output

```
FSEC-SS{d1sc0rd_st4lk3r_p4ss3d_th3_t3st}
```

After using the key and IV with AES to decrypt the flag, we finally uncovered the flag, which is:

FSEC-SS{d1sc0rd_st4lk3r_p4ss3d_th3_t3st}