

ELITEGHOST_CTF_2023

THIRSTY CHALLENGE

QUESTION

Once Ash and Pikachu were out on a journey in the Ipoh city, Ash was very excited to show Pikachu all the sights and sounds of the city, as it was Pikachu's first time. But Pikachu got very thirsty after so much walking and exploring, Ash asked Pikachu if he want something to drink. Pikachu smiled and nodded his head. Ash then saw a Starbucks store, he knew that Pikachu would love the frappuccinos and other drinks they offer, so Ash decided to take Pikachu there.

CLUE:

PLACE.ZIP

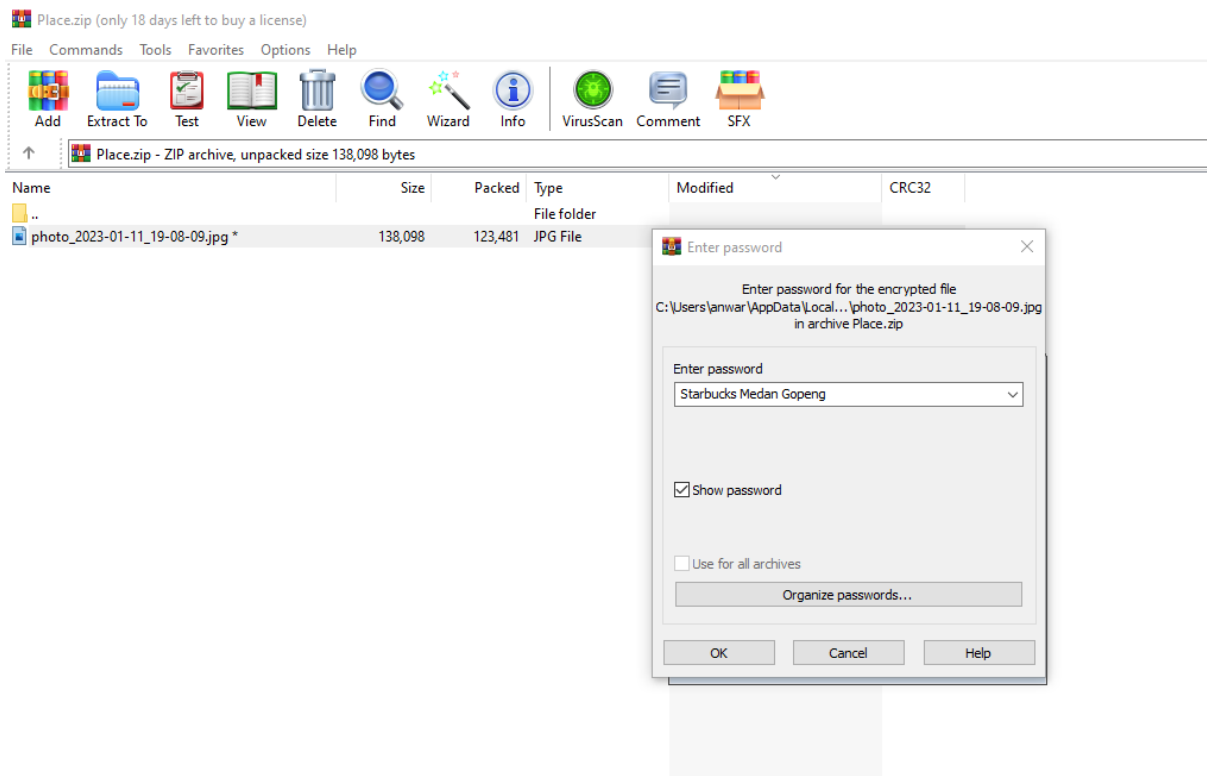
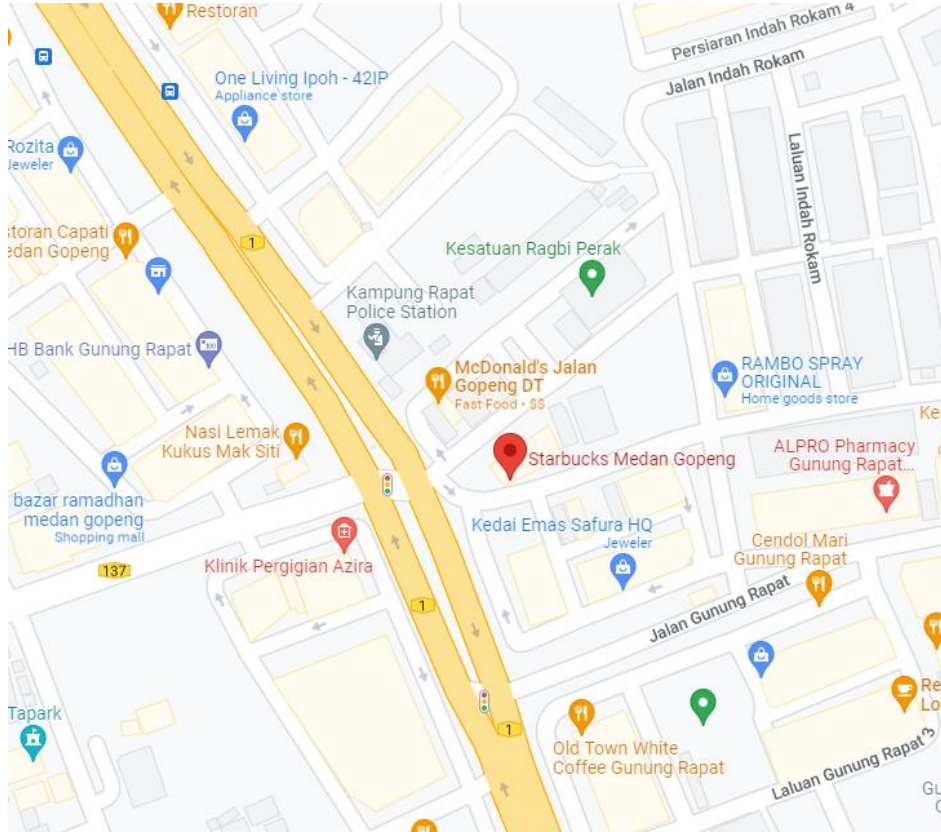
MENU.ZIP

POKEMON.JPG

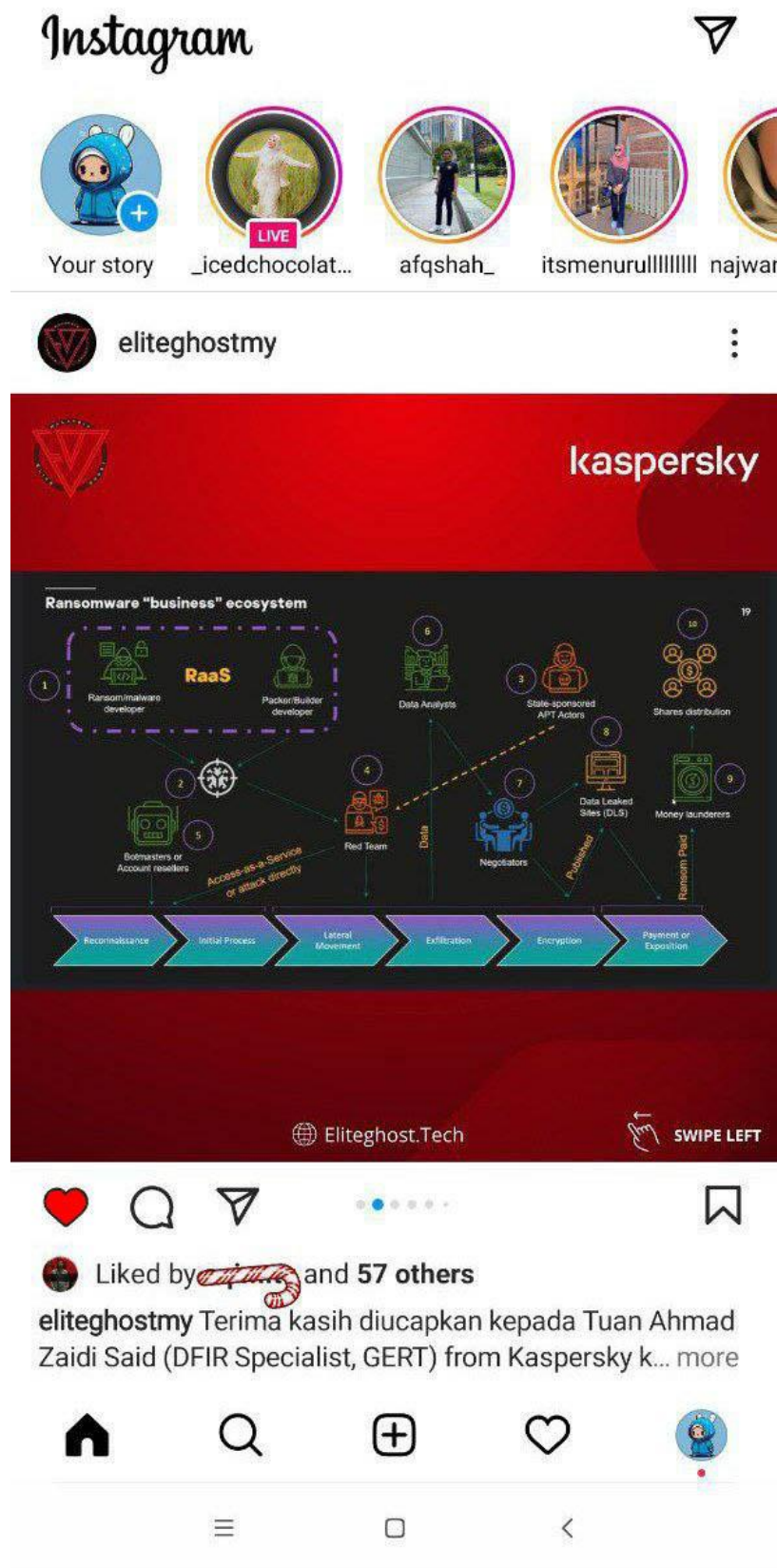
So the first
unlocked file we
got is **Pokemon.jpg**
and when we open it
up we got the maps
where did Ash go
for drinks



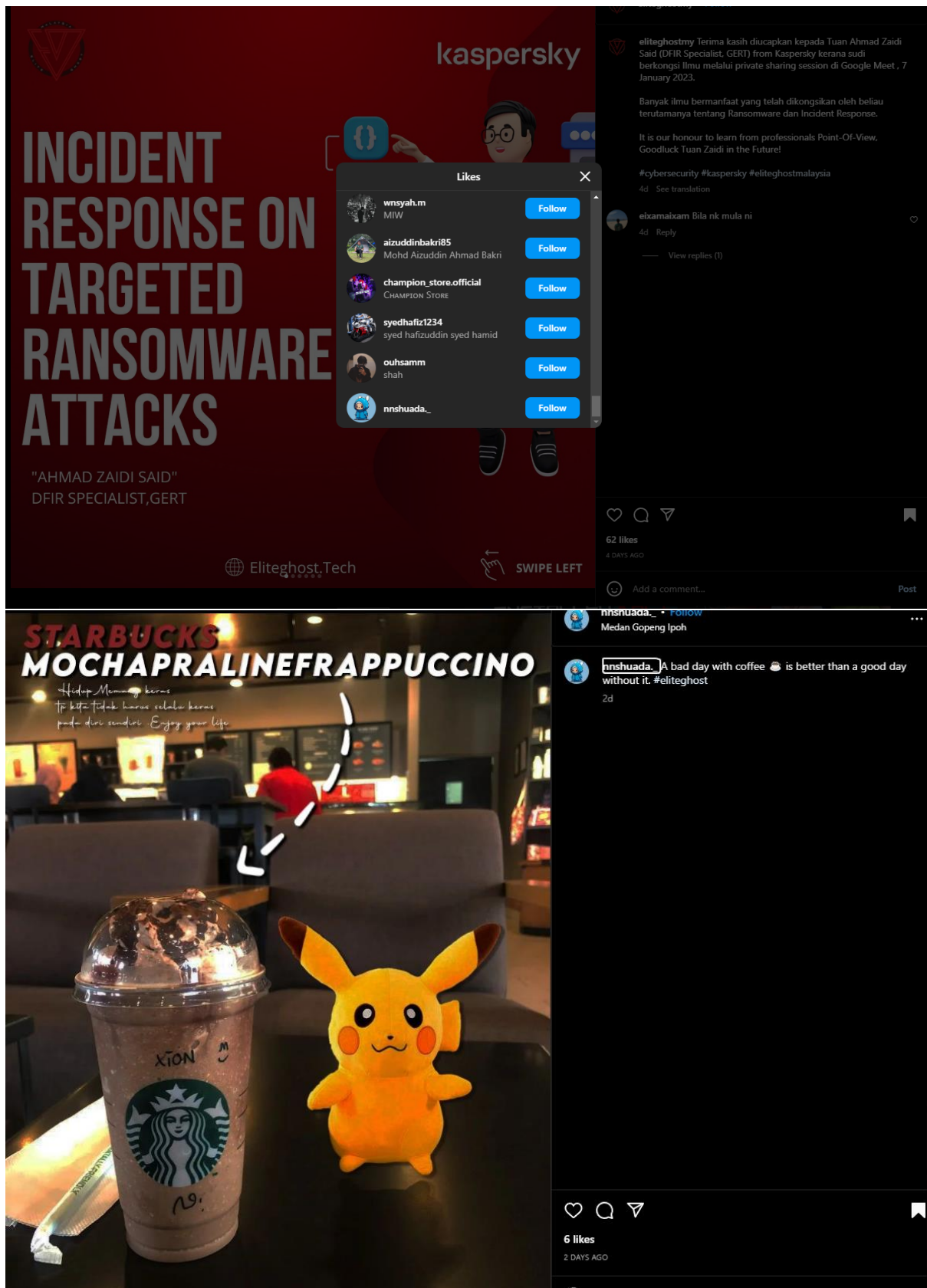
After doing some OSINT we got the location is “**Starbucks Medan Gopeng**” and put the name in **Place.zip** as the password



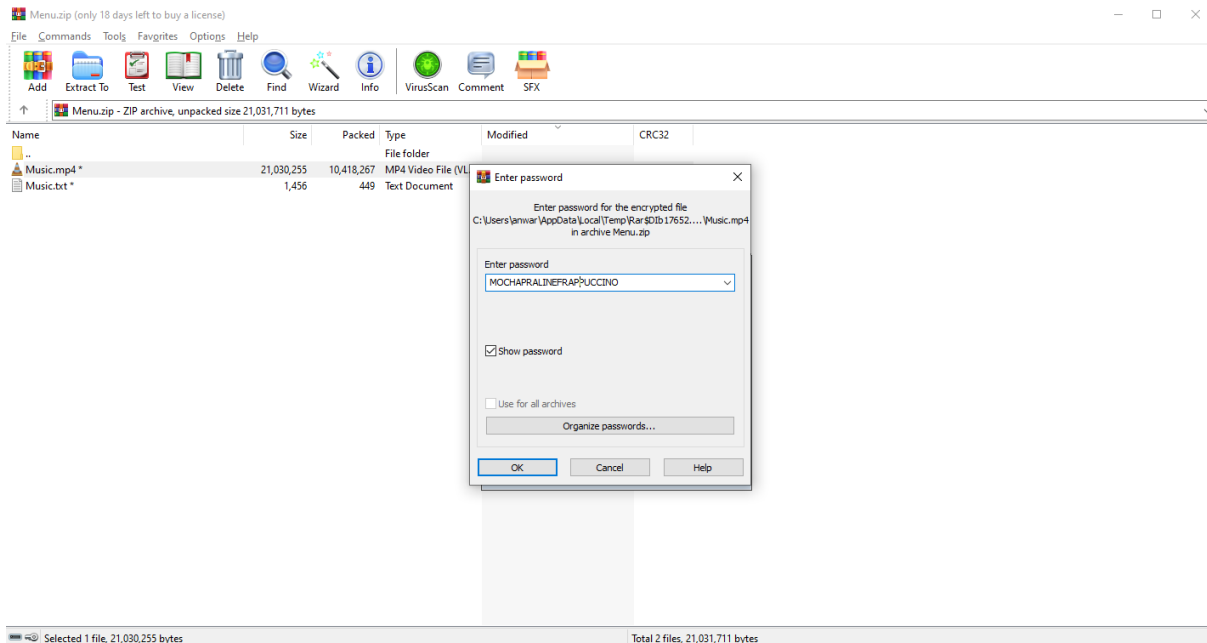
We get the next clue! So the picture showed that the **owner of the account** liked eliteghostmy post on instagram so we gonna do some OSINT on the eliteghost page to get the owner of the account



Seeing the post likes we've seen identical picture of IG account named **nnshuada._** and it got 1 post about **starbucks** menu 😊



So just like the zip name (**Menu.zip**) we need to put the menu as password : **MOCHAPRALINEFRAPPUCCINO**



Both of files share the same password and what we get is mp4 file and txt file that shown lyrics of the song



```
C: > Users > anwar > Desktop > Music.txt
1 I wanna be the very best
2 Like no one ever was
3 To catch them is my real test
4 To train them is my cause
5 I will travel across the land
6 Searching far and wide
7 Each Pokemon to understand
8 The power that's inside!
9 Pokemon!
10 Gotta Catch 'em all!
11 It's you and me
12 I know it's our destiny
13 Pokemon!
14 Oh, you're my best friend
15 In a world we must defend!
16 Pokemon!
17 Gotta catch 'em all!
18 A heart so true
19 Our courage will pull us through!
20 You teach me and I teach you
21 Pokemon!
22 Gotta Catch 'em all!
23 Gotta Catch 'em all!
24 Oh yeah...
25 Every challenge along the way
26 With courage i will face
27 I will battle every day
28 To claim my rightful place!
29 Come with me, the time is right
30 There's no better team
31 On and On we'll win the fight
32 It's always been our dream
33 Pokemon!
34 Gotta Catch 'em all!
35 It's you and me
36 I know it's our destiny
```

as we analyzed the cipher on the video it's actually using **Book Cipher** method but book cipher using **page:line:word** so we need to minimize the cipher to line:word:alphabets

eg. 12:5:2

12th line:5th word:2nd alphabet

```
10 Gotta Catch 'em all!  
11 It's you and me  
12 I know it's our destiny  
13 Pokemon!  
14 Oh, you're my best friend
```

And voila we got E as our first alphabet of the flag 🚩

As we keep decipher the full flag will be

EG{REST_WITH_COFFEE}