



The following slides present the answers to NOPSctf 2025 challenges





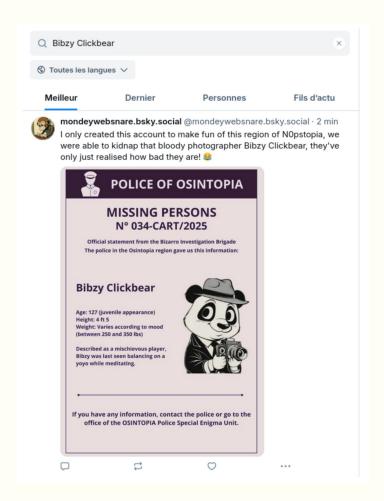
Q1: Find out where the kidnappers are talking to each other.

The challengers are aware of the disparition of Bibzy Clickbear. The police of Osintopia is actively looking for him, and we're helping them. We start with the Missing Person Poster.

All we have is a name, Bibzy Clikbear.

The only results we may find are on Bluesky.

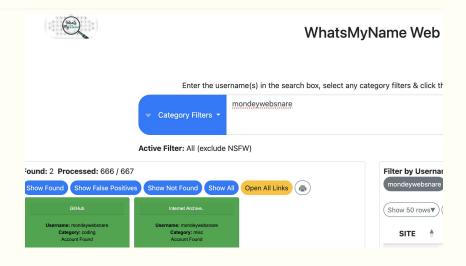
We now have a new clue thanks to this post: the account of someone who seems to be part of the gang who kidnapped him, Monday Websnare.

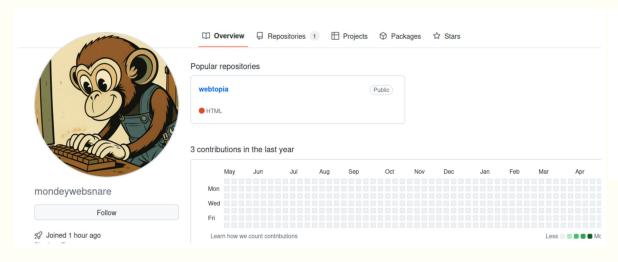




From here, we are able to find a github repository thanks to the nickname by using a tool like Whatsmyname.app

A small trick, adding .patch at the end of the url in a commit, allows us find Mondey Websnare's mail adress.







Let's try to find some more information thanks to Epieos.

We can see that Monday has a Gravatar account.

Thanks to the md5 hash of his mail (use the tool you want to calculate the hash), we can easily find his profil:

https://gravatar.com/ + the hash: 6d8b34ca7de38dbe90d9b6cbf2020c55

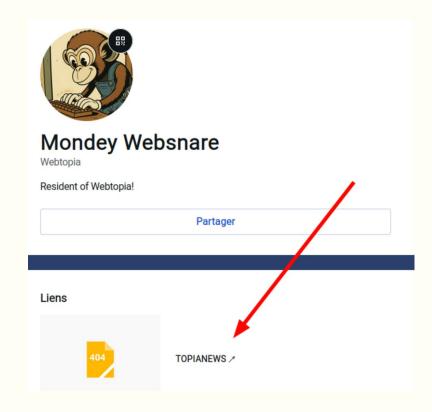


--> https://gravatar.com/6d8b34ca7de38dbe90d9b6cbf2020c55

We now are on Websnare's gravatar profile.

The results give us a crucial new information, a link to a website that seems to be our first flag, a link to « topianews ».

First Flag: https://topianews.com





2 -What three names



Q2: What are the names of the 3 spies? (in alphabetical order of the kingdoms to which they belong)

We now have to find more informations about who is involved in Bibzy's disparition.

At the step, you can check the website but you won't find what you're looking for.

You will need an archiving tool Nothing on the wayback machine, but don't forget that <u>archive.is</u> exists! We are able to find an old conversation between the protagonists.

It gives us three nicknames: Mondey, Cryptie, Boomer



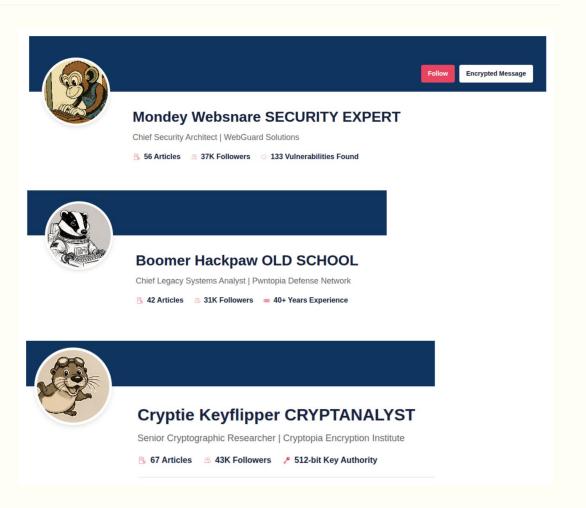
2 -What three names



Back on topianews and playing with the website's url, we can easily find three profile pages: money.html, crypto.html, boomer.html.

It allows us to find the second flag in the required order: keyflipper_hackpaw_websnare

Second flag: keyflipper_hackpaw_websnare



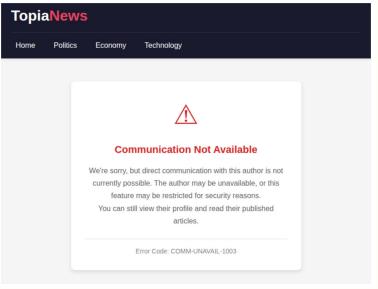
3 - Where's the bear?

Q3: According to your information, where is the hostage being held?

Let's continue our quest and find where could be Bibzy.

While navigating on topianews we can identify the format of the conversation's urls, for example while trying to send a message to Monday:



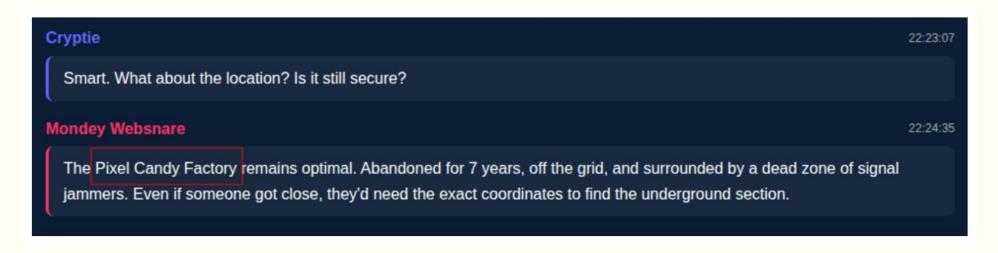




3 - Where's the bear?

In the archives, we had a conversation number: 1337.

By manipulating the url we come across the whole conversation, let's dig in:



There, we can read that our bear is being held in the Pixel Candy Factory.

Third Flag: Pixel_Candy_Factory.



Q4: What is the real identity of the leader?

We now have to find the leader.

Our three kidnappers are security experts. But maybe sometimes, they make mistakes?

SECURE FORM: OPERATION BIBZY - PHASE 2 RENDEZVOUS

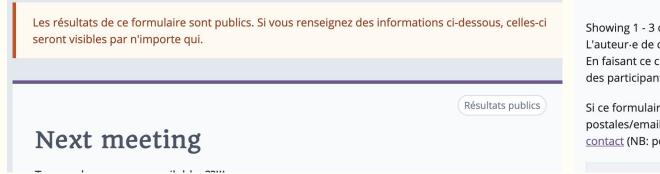
https://framaforms.org/next-meeting-1747045455

While reading the rest of the chat, we notice a new url. The seem to be trying organizing their next meeting, and they're using an external tool to arrange their calendars...

Let's have an eye on that framaform. At first sight, no information... Let's hope for a misconfiguration?

First of all... what is that « public results » button? It must be a mistake :o

That seem interesting, but what is more interesting is the link to contact the author of the form.



Showing 1 - 3 of 3.

L'auteur-e de ce formulaire a fait le choix de rendre publics les résultats de ce formulaire. En faisant ce choix, il ou elle s'est engagé e à respecter la confidentialité des données personnelles des participant es et a pris l'entière responsabilité de la divulgation de ses informations.

Si ce formulaire contient des données personnelles que vous jugez sensibles (noms, adressespostales/emails, n° téléphone, etc.), vous pouvez contacter l'auteur 2248806 via son formulaire de contact (NB: pour éviter le spam, il faut être connecté pour lui écrire)..



It gives us a new nickname: Digitowl.

By the same process than earlier, we can access his profile on topianews.

The last clue we need is that .onion address.



Contacter Digitowl Votre nom * Votre adresse de courriel * À Digitowl

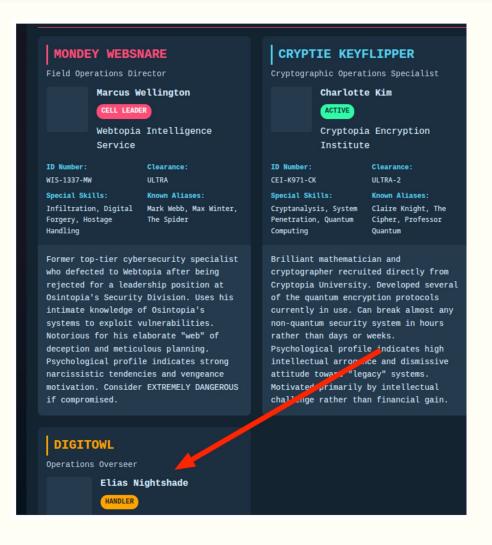




A quick look on this new site gives us the answer of the last question, the identify of the leader.

Fourth flag: elias_nightshade

Well done mate, and thank you for your help. The Osintopia's police has now everything they need to bring back Bibzy Clickbear in a safe place and stop the 3vil L0rds!



Thank you!

How to stay in touch?

Website

https://osintopia.fr

DiscordOSINTOPIA

Linkedin

https://www.linkedin.com/comp any/86934946

