

Hexa

HEXA OSINT CTF V3

Context

Information

This CTF is the conclusion of 3 editions, it is not necessary to have participated in the 2 previous editions nor to have read the write-ups in order to participate to this one.

Resources used in previous CTFs will not be used in this edition.

All the information you need is written in this document.

Previously on HEXA OSINT CTF

Manipar

Manipar was a conspiracy managed by Lucilhe Dumarquais. The goal of this conspiracy was to steal sensitive data from organizations to sell them to the best offer.

With her hacker skills and the help of her friends in several industries and administrations, she managed to make a lot of money and a reputation in her community.

They had been arrested at the end of 2021, after HEXA team managed to disclose their actions.

Mastermind

Mastermind was a criminal entity which made services exchanges. They did not directly ask for money in exchange for their services but had make profit of the services they asked in return (using insider trading for example...). Four people were members of Mastermind:

Minca H. - She is an English businesswoman. She managed Mastermind's strategy establishing contracts with partners.

Lian Nussbaumer - He managed the legal aspect of Mastermind - staying under the radar.

Oleg Vokolski - A Polish criminal, former client of Mastermind - he managed action in the entity, when they needed someone to do the dirty job...

Olga Vokolska - Oleg's daughter, she offered her cybersecurity skills to Mastermind. Related characters.

Now, every Mastermind member has been arrested and serve a sentence in jail for several years.

Related characters

Julian Pinkerton

Julian (also known as Pinkerton) is an investigation journalist and blogger that helped HEXA community dismantling Mastermind. He is quite paranoid and asked a lot before returning information to the community. During the Mastermind investigation, he gave the “Grand-duc” title to some of the HEXA community members that helped him. Soon after the end of the investigation, Julian gave the “Grand-duc couronné” title to some people that (according to him) “he can trust with his life”.



Figure 1 – « Grand-duc couronné » badge.

We lost contact with J. Pinkerton several weeks ago, right after he said that he had critical information to share with HEXA community. Despite the analysis of his blog, we haven't been able to find him yet.

Tsuzune Yokoyama

Tsuzune Yokoyama is the mysterious Japanese guy that hired Mastermind on a mission named “bruised rogue”. We do not know much about him, but we know that he gave Oleg the order to kill Lucilhe if they were caught.

Since Lucilhe and Oleg had been caught in Malaysia, we did not find any further information about Tsuzune.

Bruised rogue mission

The Bruised Rogue mission was ordered by a Japanese client named Tsuzune Yokoyama. The main goal of the mission is to exfiltrate Lucilhe Dumarquais from prison. The trigger of that mission is that Lucilhe concluded a deal with the prosecutor to have a lighter sentence. Minca, Oleg and Lian saw the opportunity to exfiltrate her during the transfer between the prison and the court. Tsuzune took advantage of the situation and asked Mastermind to bring Lucilhe to him so he can recruit her. Oleg was in charge to exfiltrate Lucilhe and bring her to Tsuzune. But one directive was given to Oleg: kill Lucilhe if you get caught... Mastermind will not take any financial advantage of this situation, but will be able to get a service from the entity Tsuzune works for...

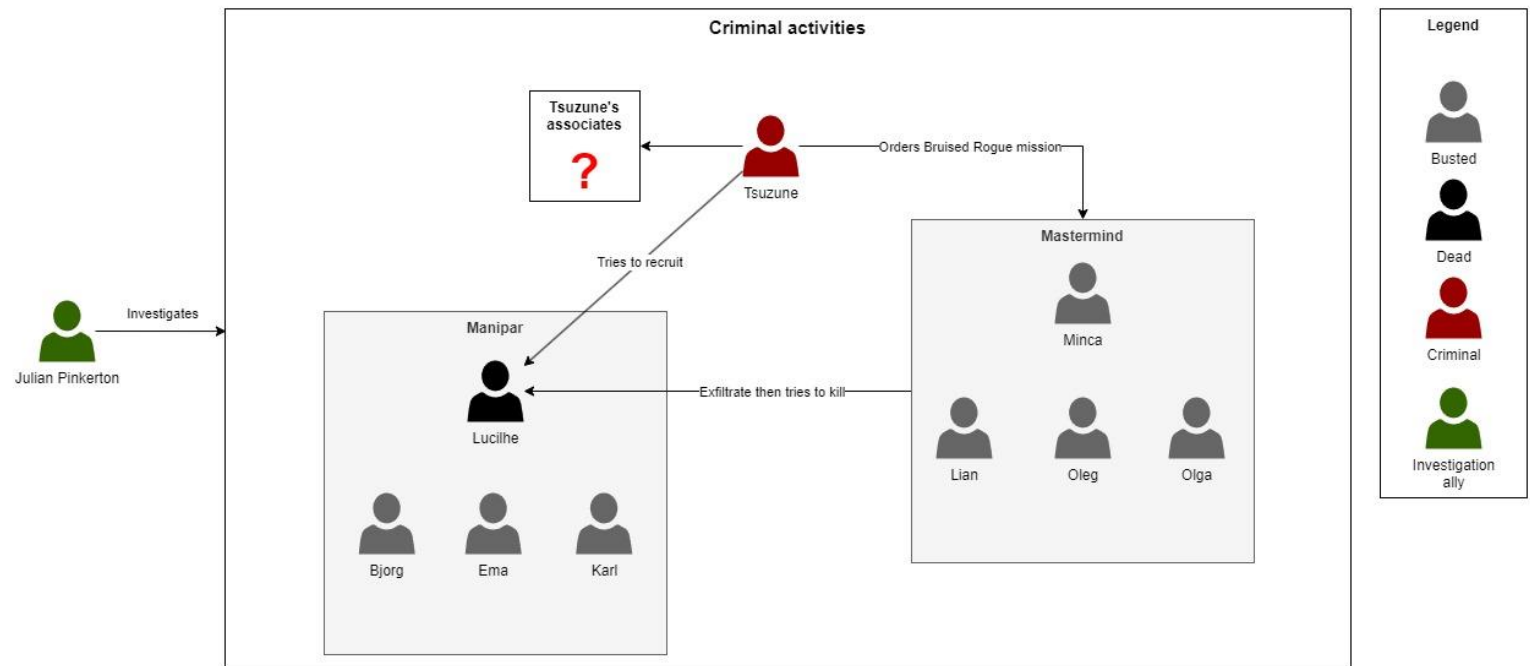


Figure 2 : Connections among the entities under investigation.

Lucilhe Dumarquais' death

Lucilhe Dumarquais was serving a sentence in jail after she had been caught in Malaysia and brought back to France. She had been remaining silent since then about Mastermind, Tsuzune and the incident in Malaysia, when Oleg tried to shoot her to death.

A week ago, she collapsed in the prison yard and never got up. She inexplicably died and as she was involved in shady matters, you are missioned to find what caused her death.

You will find preliminary report and autopsy report attached.