TCS3451 CTF Assignment Writeup

Group Name: just_me_in_the_team

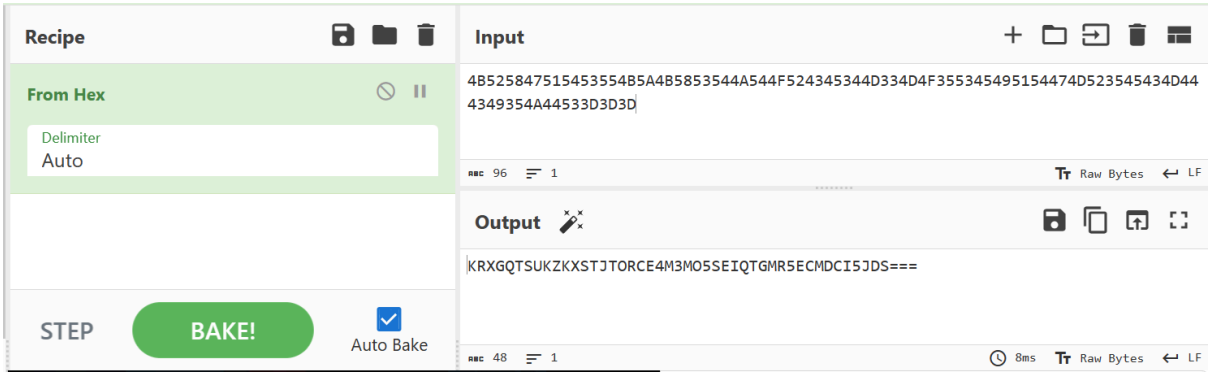
Member

ID	Name	Role
1181102970	Azmina Sharaf	Captain

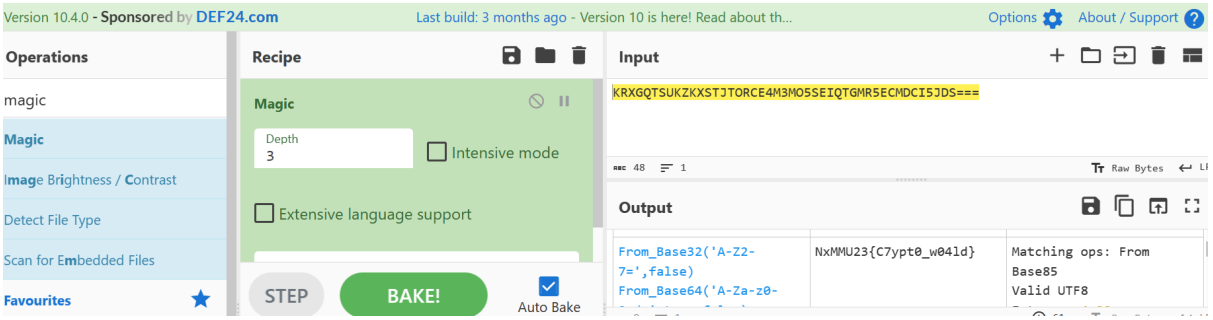
Category: Cryptography

Question: Power

Examining the text file, it appears to be in hexadecimal format, so I make use of online CyberChef tool to convert the hex characters to ASCII.



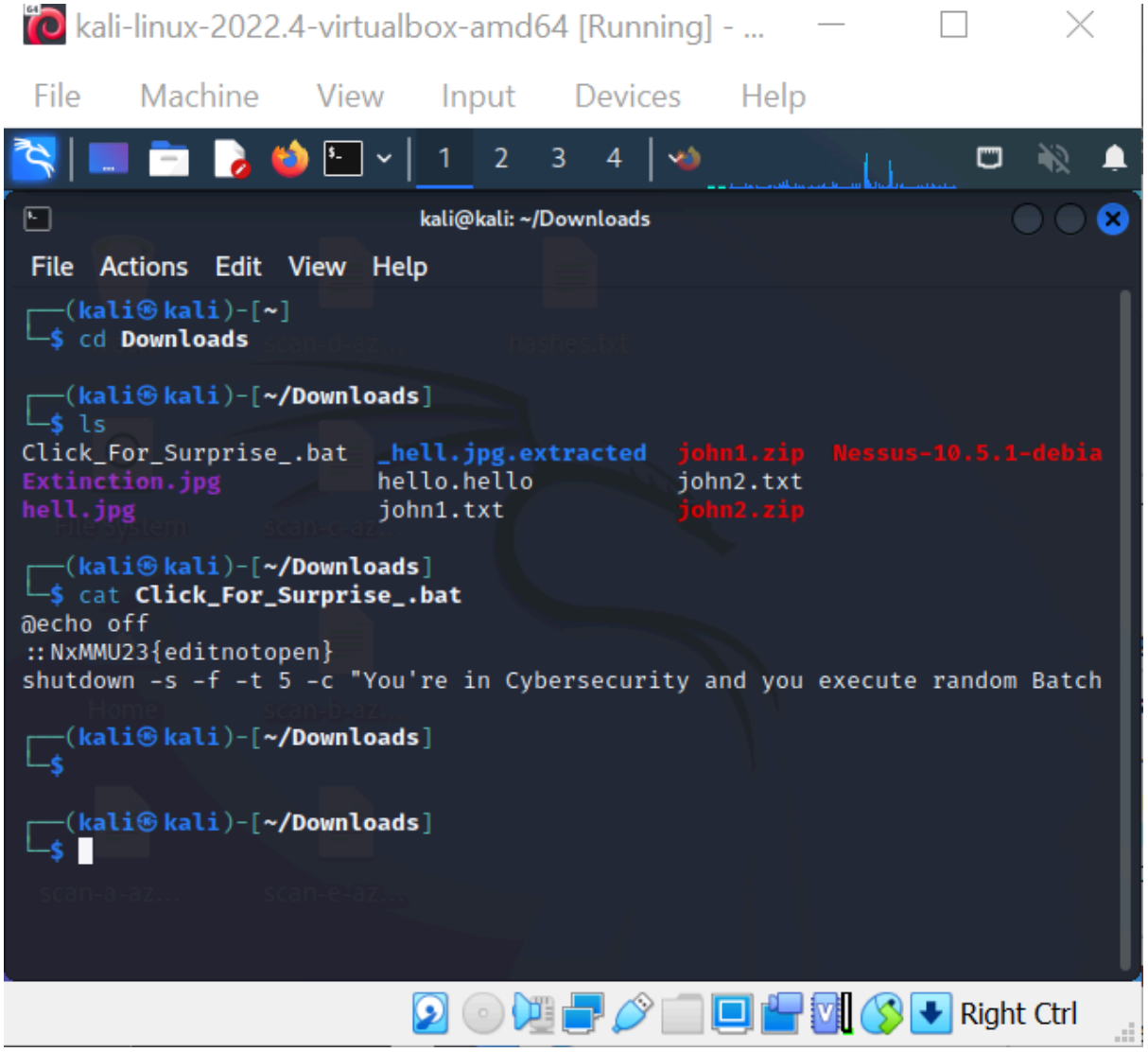
The converted ASCII string appears to be in Base64 encoding.



The flag is found!

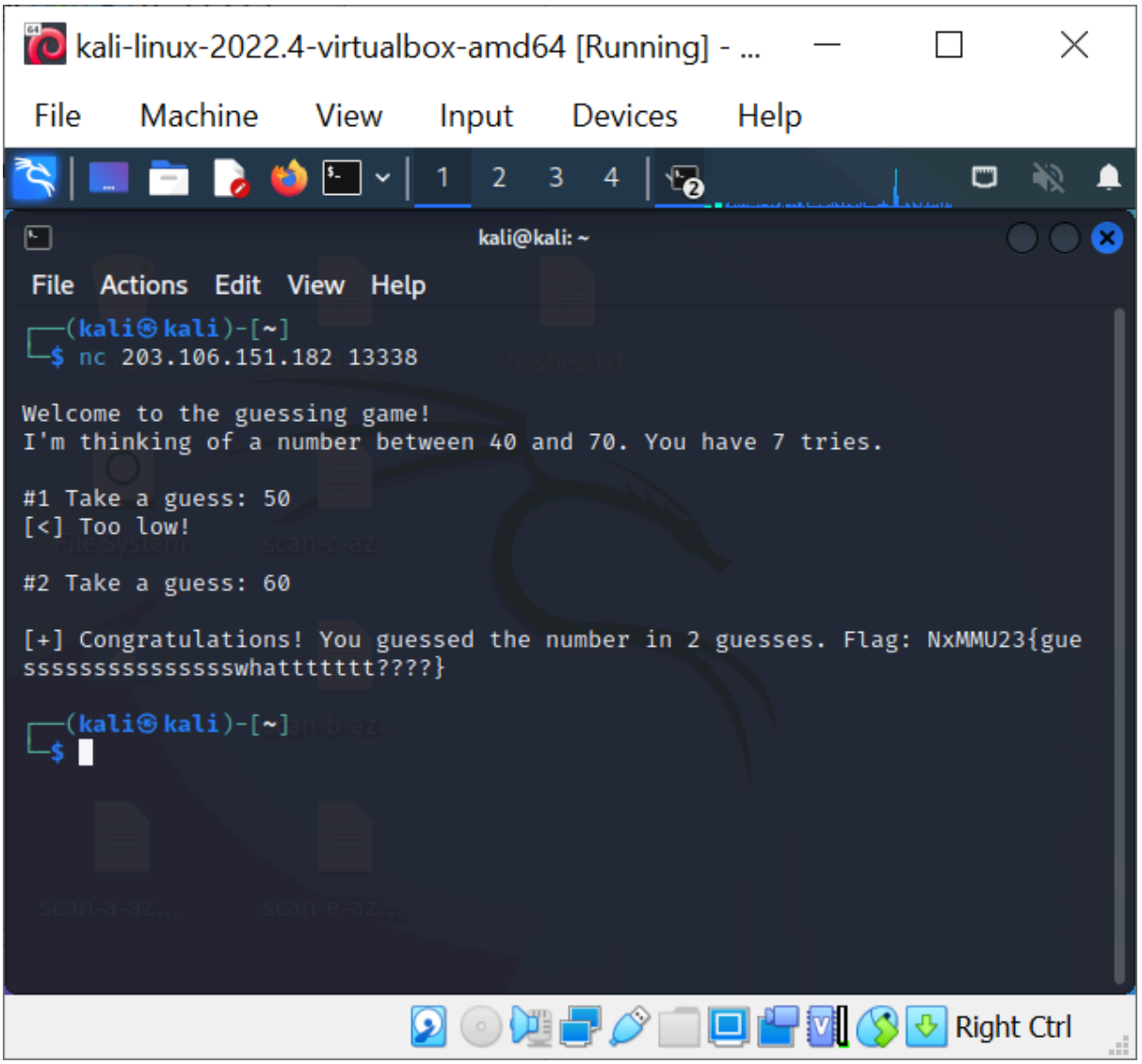
Category: Miscellaneous

Question: Click For Surprise !!!



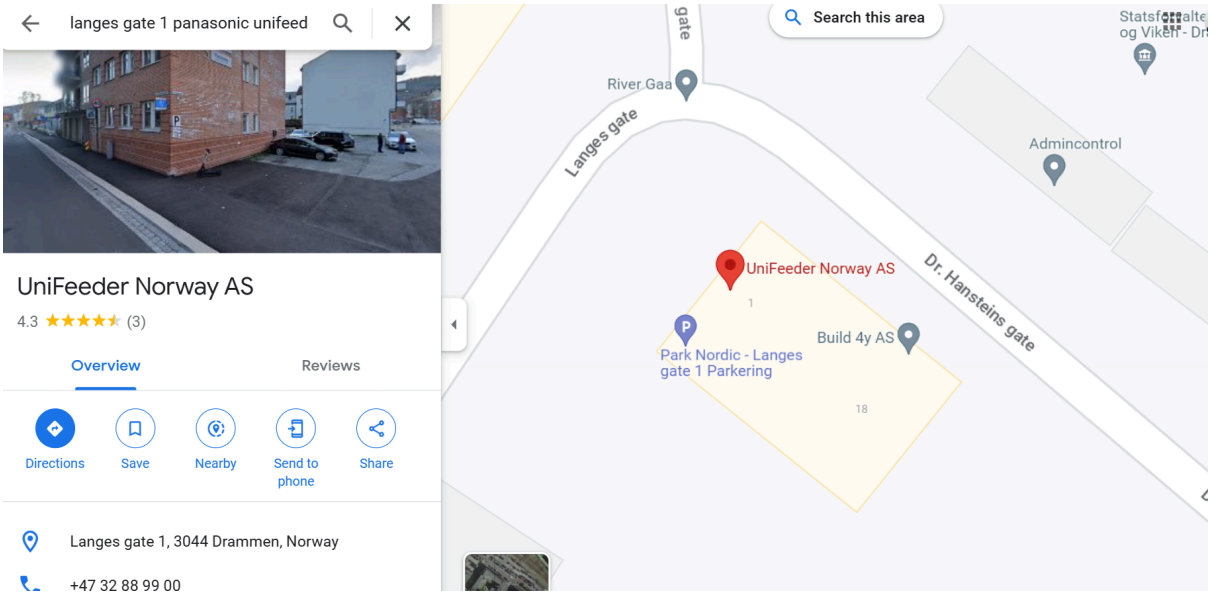
For this question, I downloaded the .bat file onto my Kali Linux and used the cat command on the linux terminal to reveal the contents of the .bat file.

Question: Guessing game



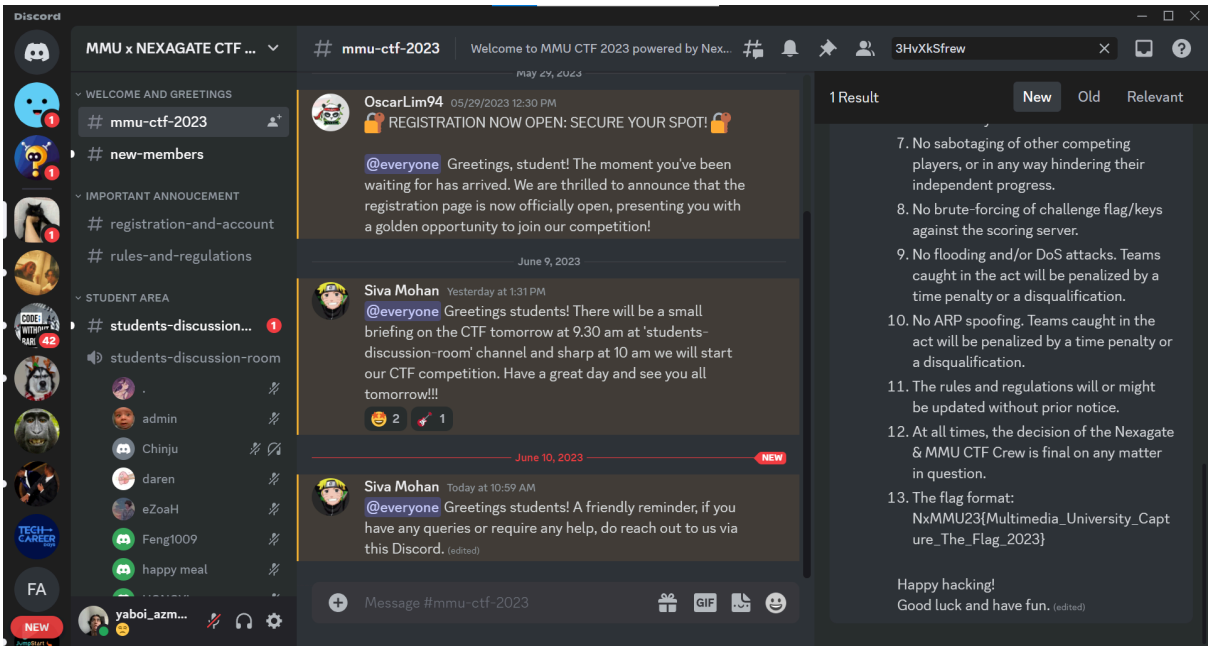
For this question I ran a netcat scan to find the flag.

Question: Uncover the Secret Headquarters



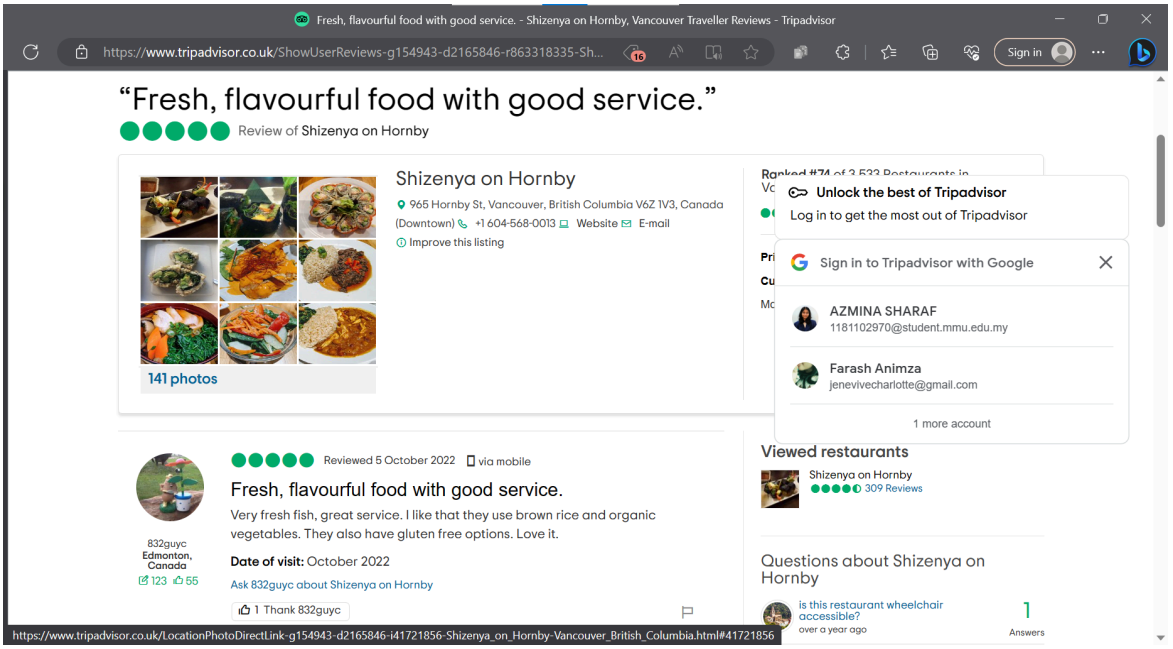
To solve this, first I examined the png file to look for clues like building name and what companies its housing, after that a simple google search helped me find the street name which is Dr. Hansteins gate.

Question: Welcome!



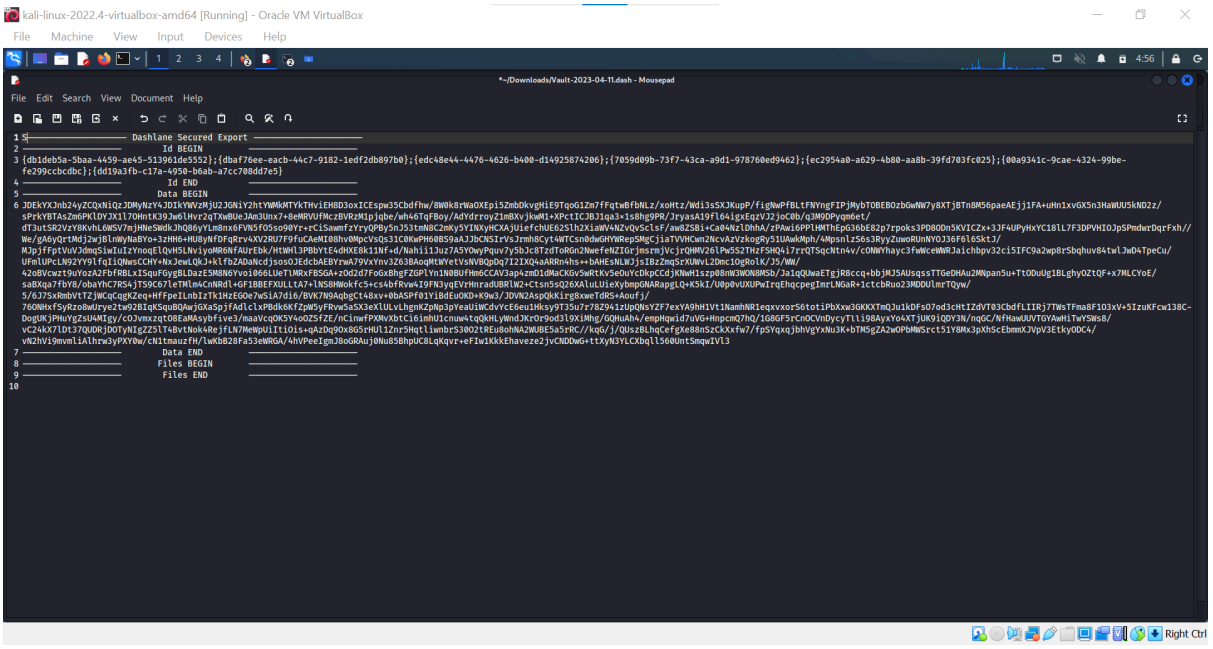
To solve this problem I searched the hint in the question in the discord search bar and found the flag.

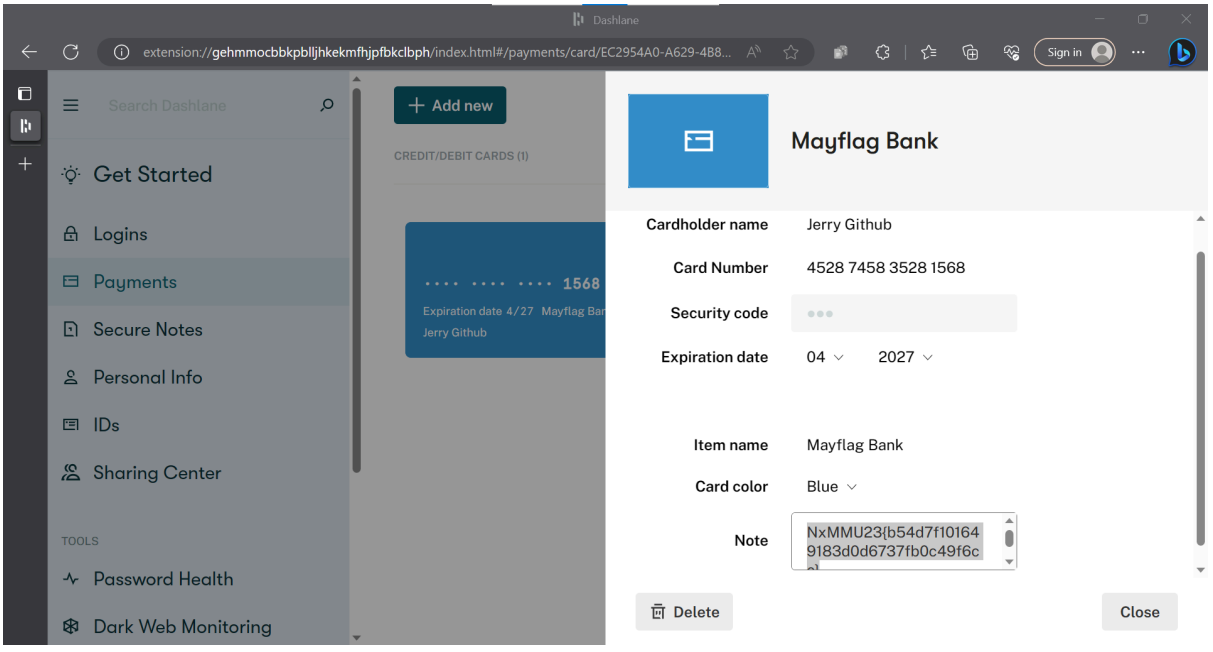
Question: Sushi Sleuth



To solve this ctf question, I googled “sushi restaurant vancouver well prepared fresh sushi" "tbg mike"” which led me to TripAdvisor where I found the name of the restaurant.

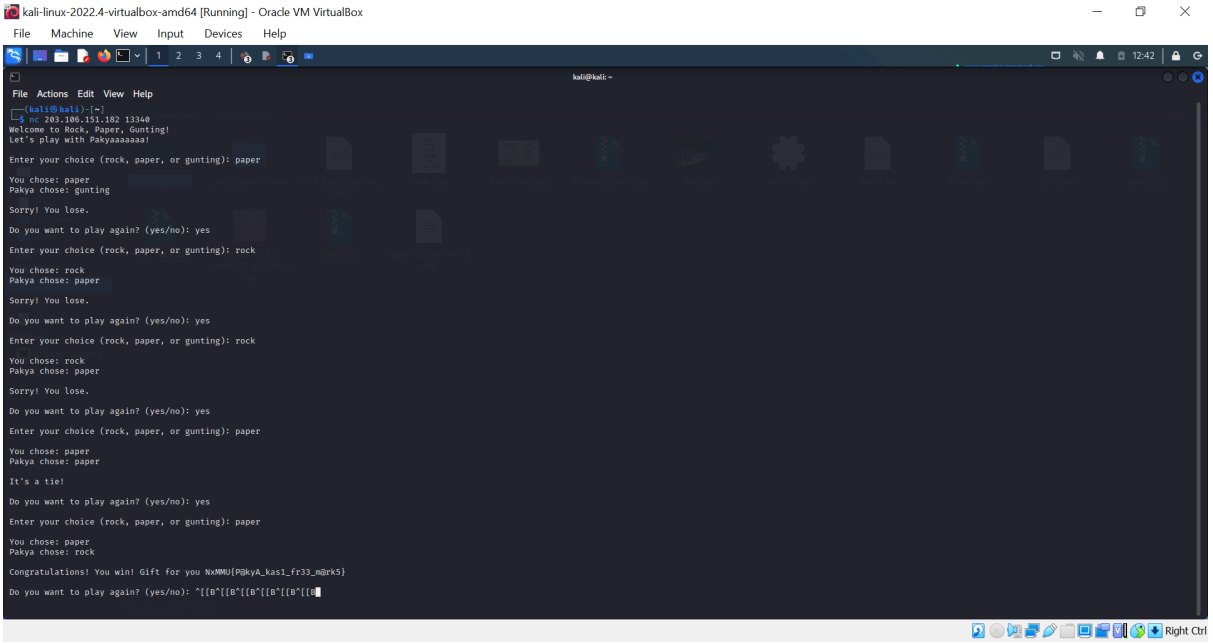
Question: Dash





To acquire the flag first I used kali linux to extract the .zip file and got a .dash file. Then I signed up to Dashlane and created an account. Later I uploaded the .dash file and accessed it using the provided password. The flag was found in the payments section where I used my own account password to view the note.

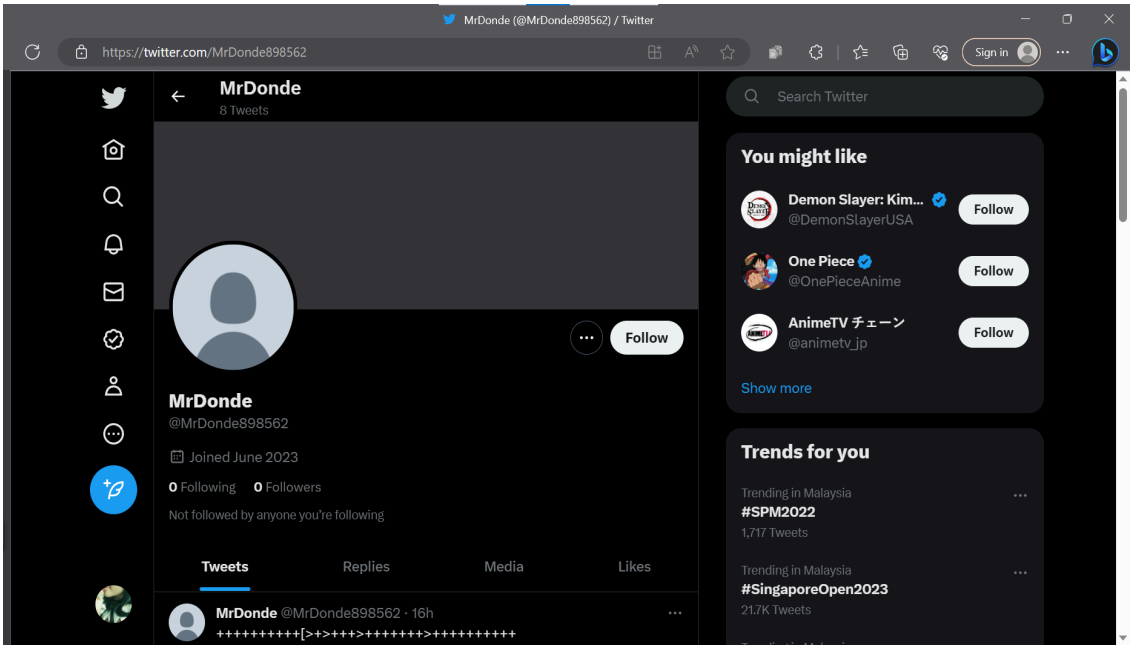
Question: Rock Paper Gunting

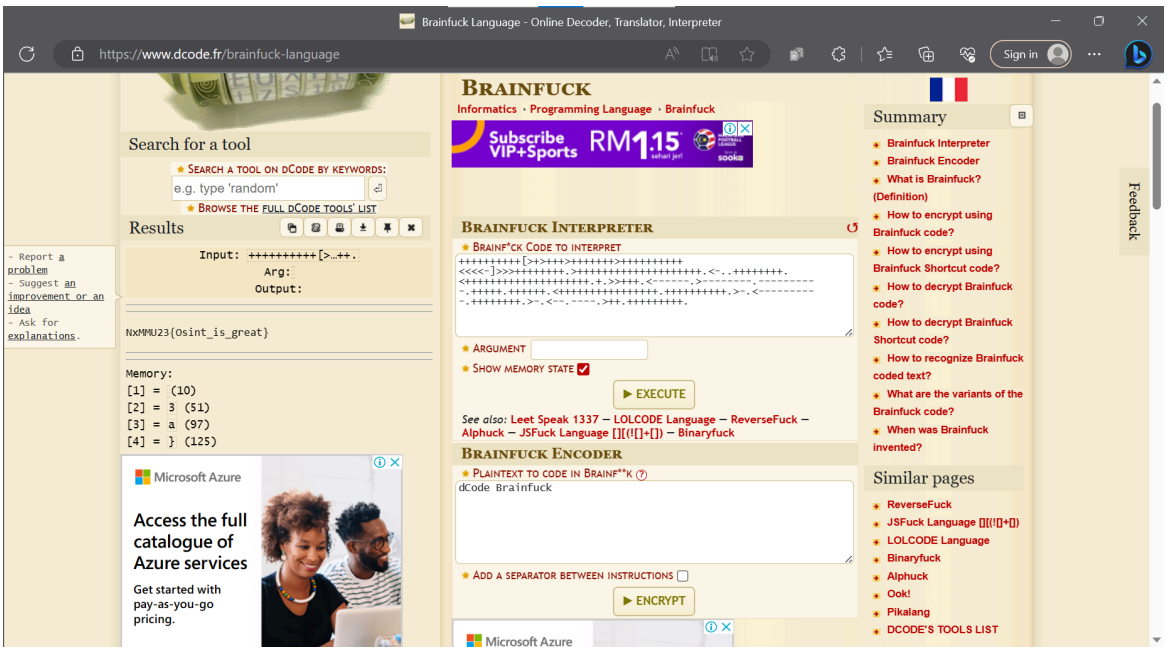


The screenshot is pretty self-explanatory

Category: Osint

Question: Look For MrDonde flag

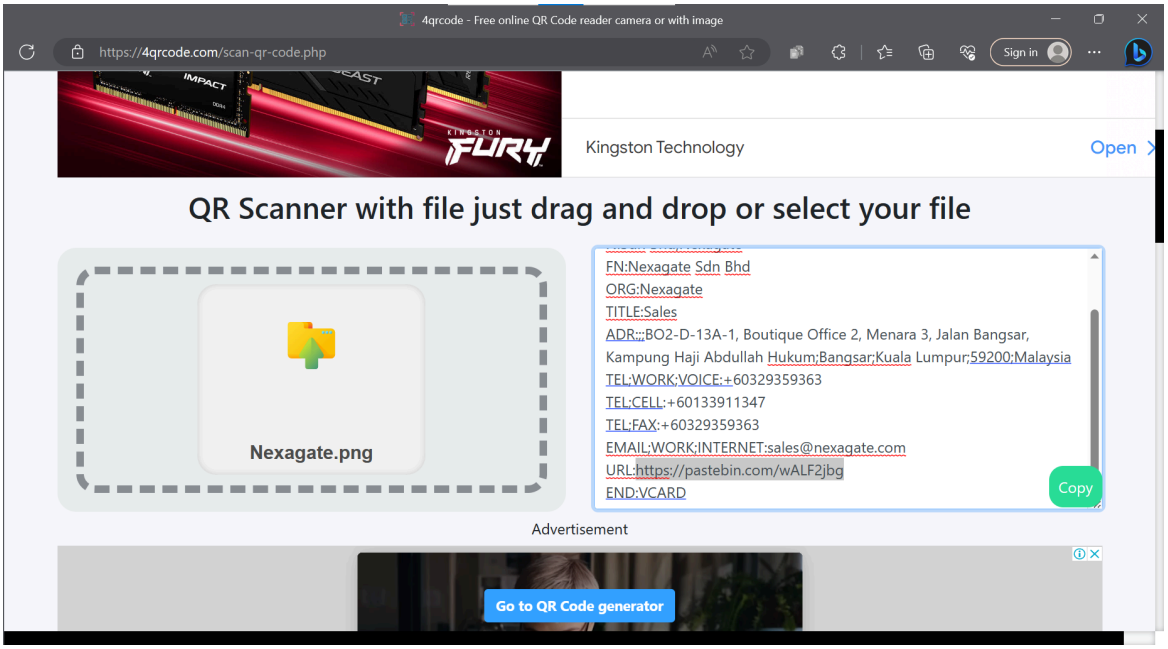


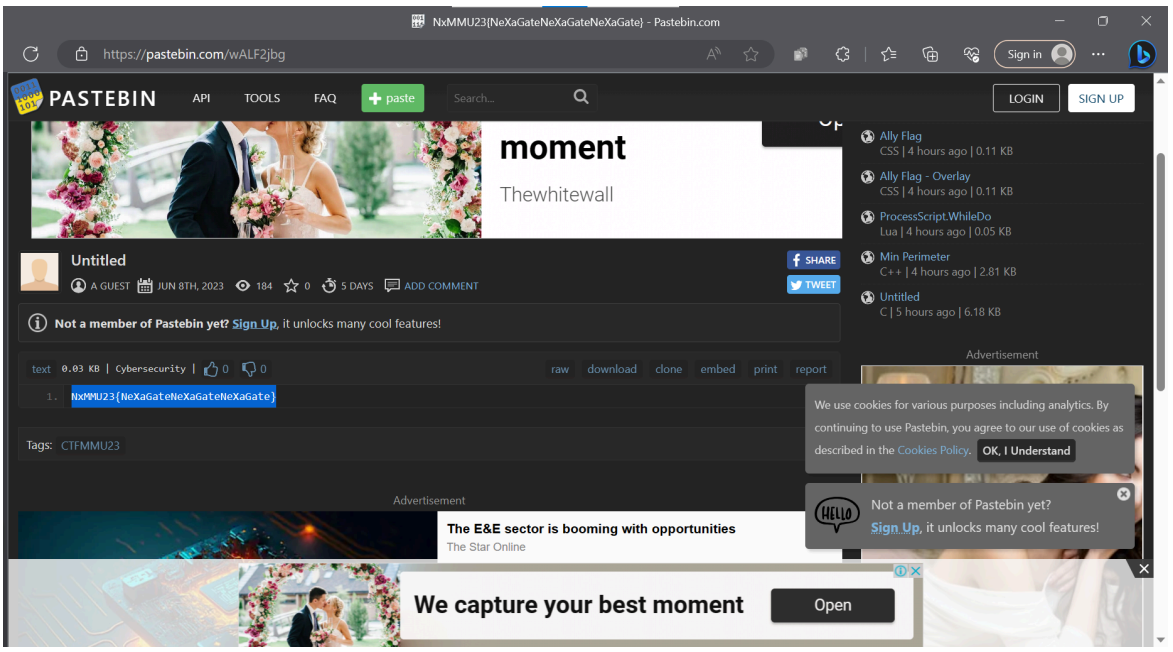


Found MrDonde on twitter, and then translated his tweets via brainfuck decoder to get the flag.

Category: Steganography

Question: Quick Response

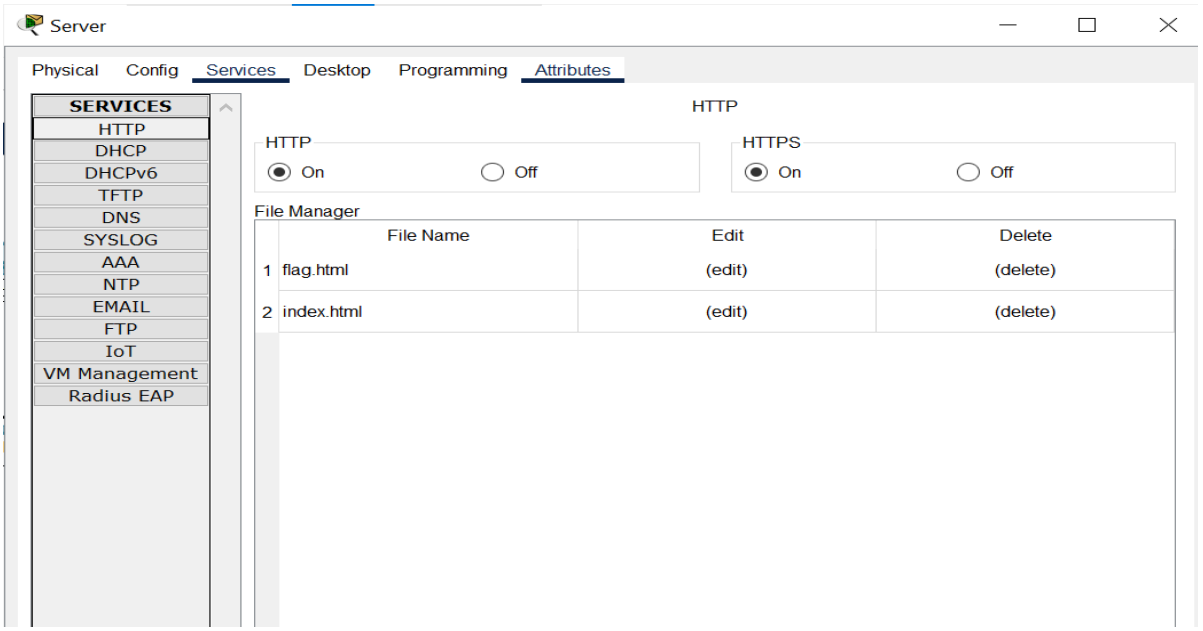


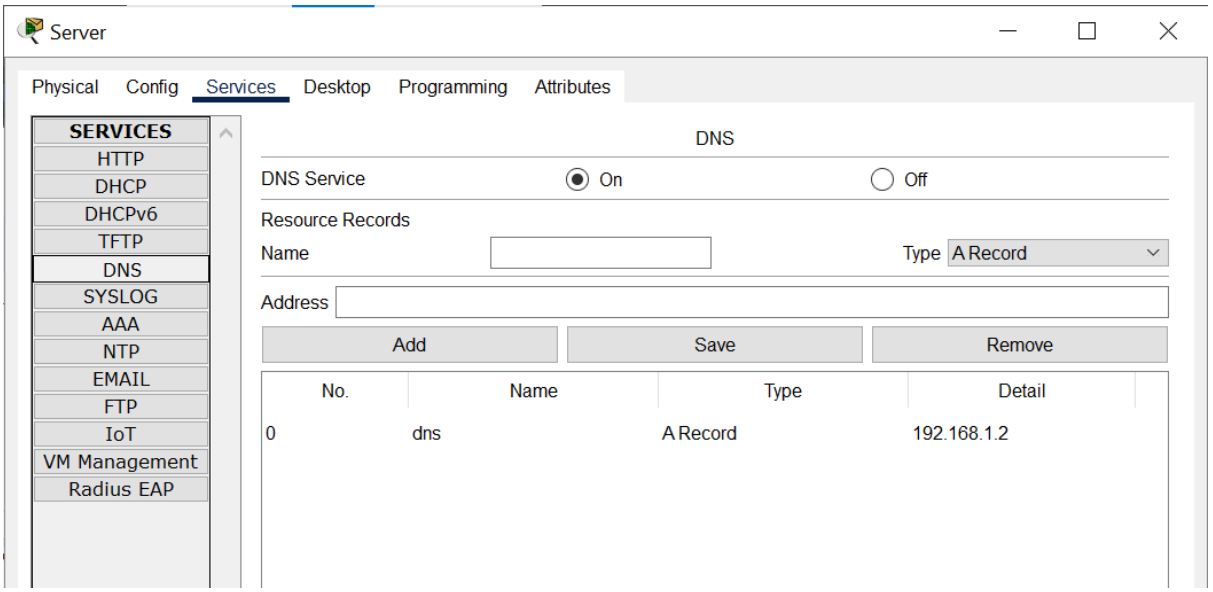


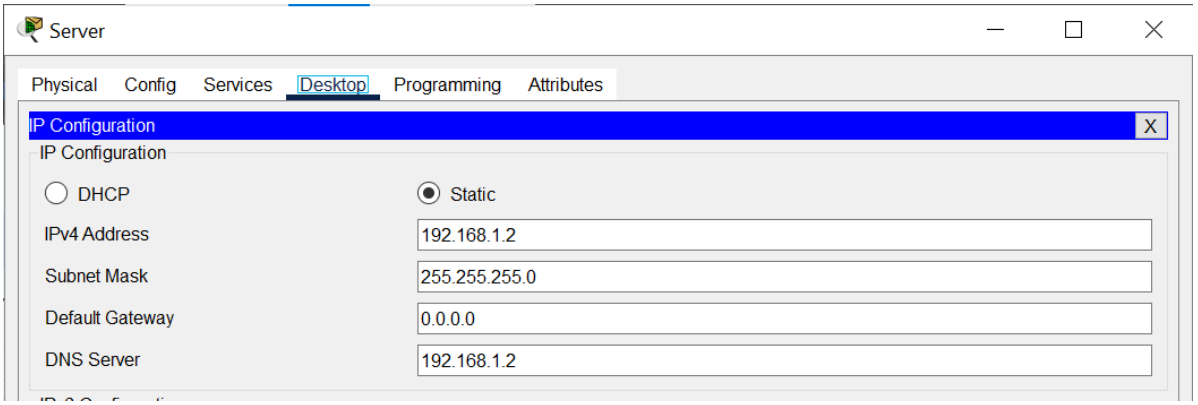
For this question I scanned the qr code with an online scanner first, and then I visited the URL from the results and found the flag.

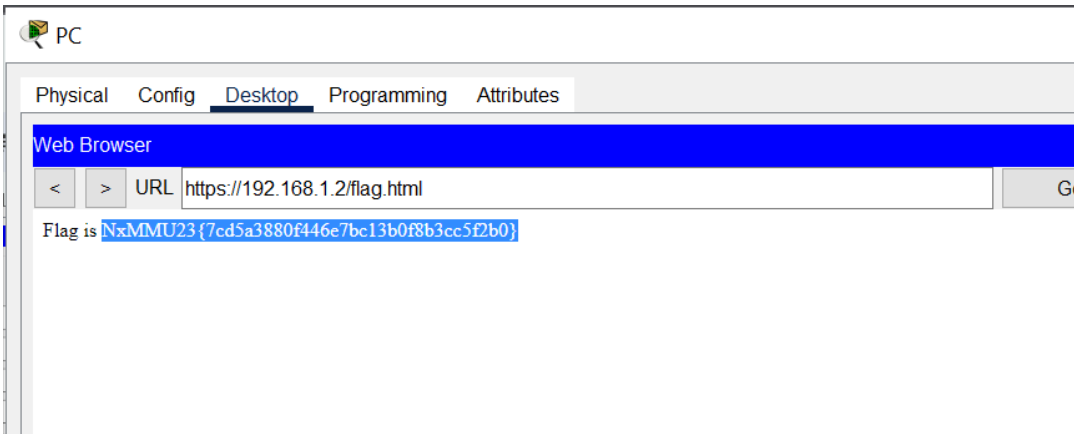
Category: Forensics

Question: Packet





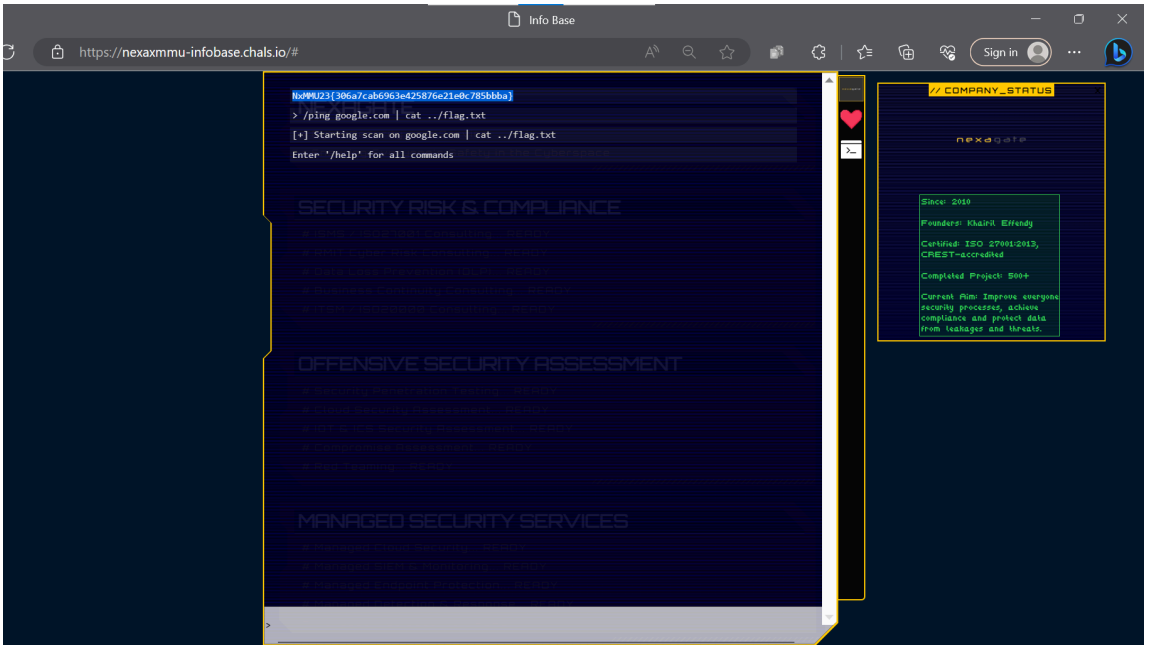




To solve this question at first I gave IP addresses to the server and the PC. I made the web server the DNS server too. I configured the PC's IP as well. Then I found the flag by typing the dns address in the web browser of the PC.

Category: Web

Question: Infobase



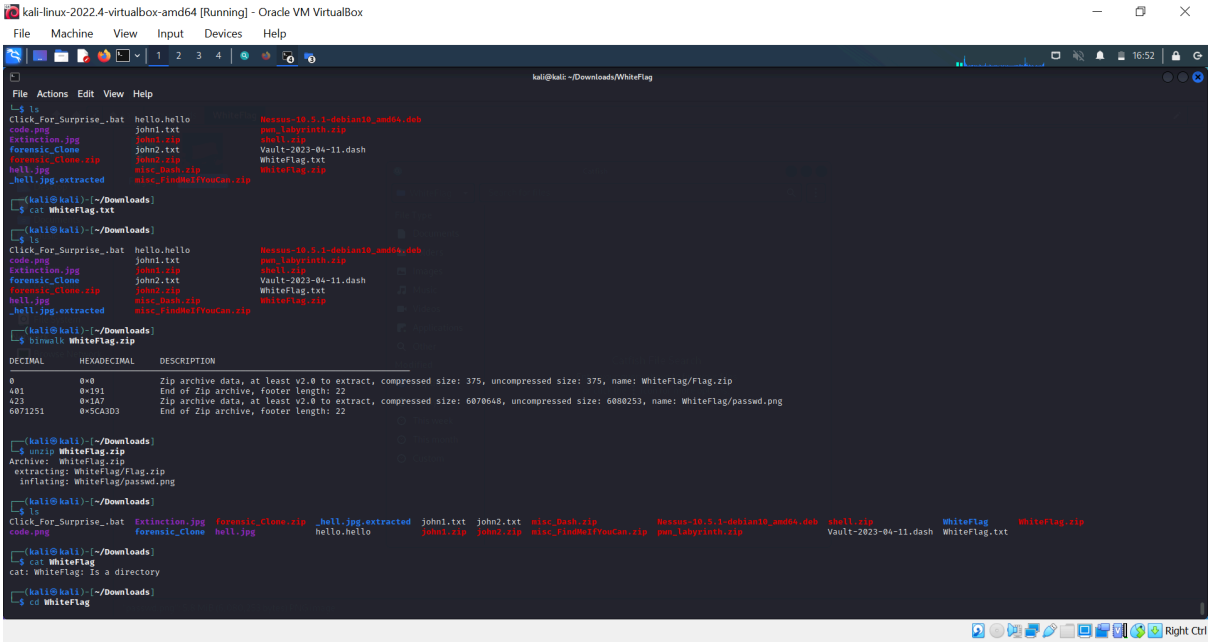
Used the /help command to see the list of commands available and then played around with the ping command to find the flag

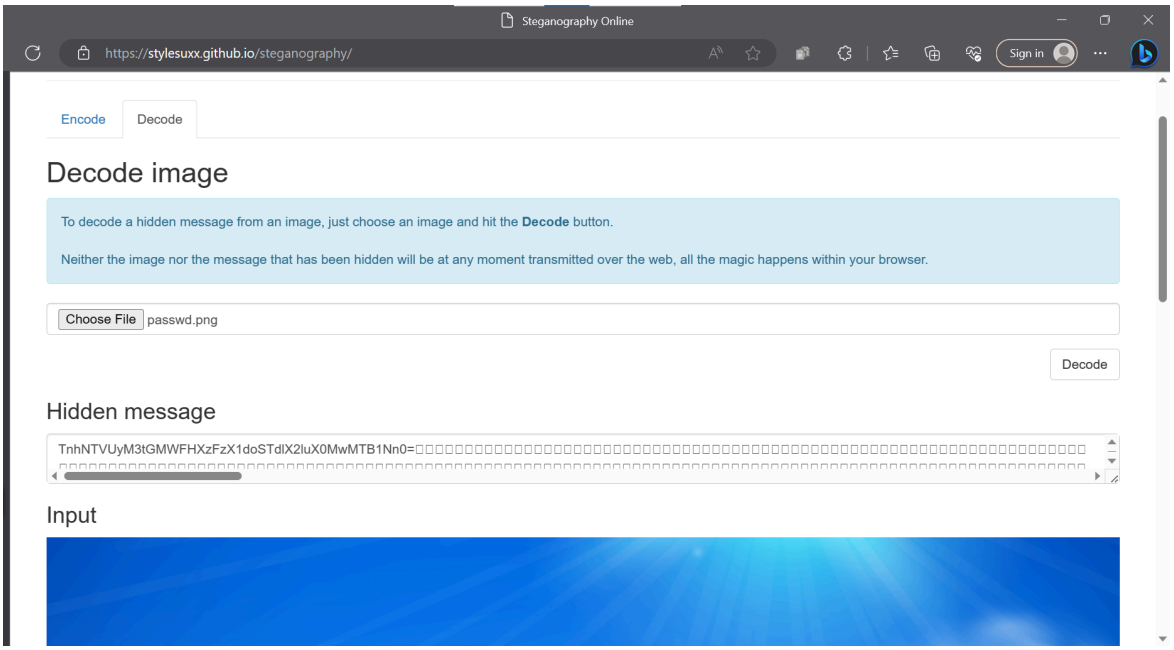
Question: Persistance

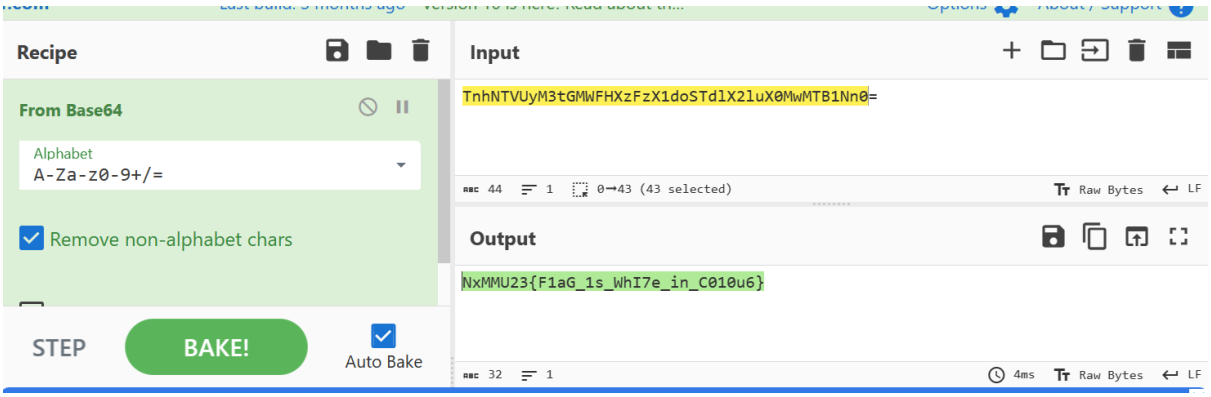
Pretty Self-explanatory. I used the curl command on my kali linux terminal and kept trying til I found the flag. (Unfortunately I closed the terminal and realized I didnt take a screenshot after.)

Category: Steganography

Question: Surrender



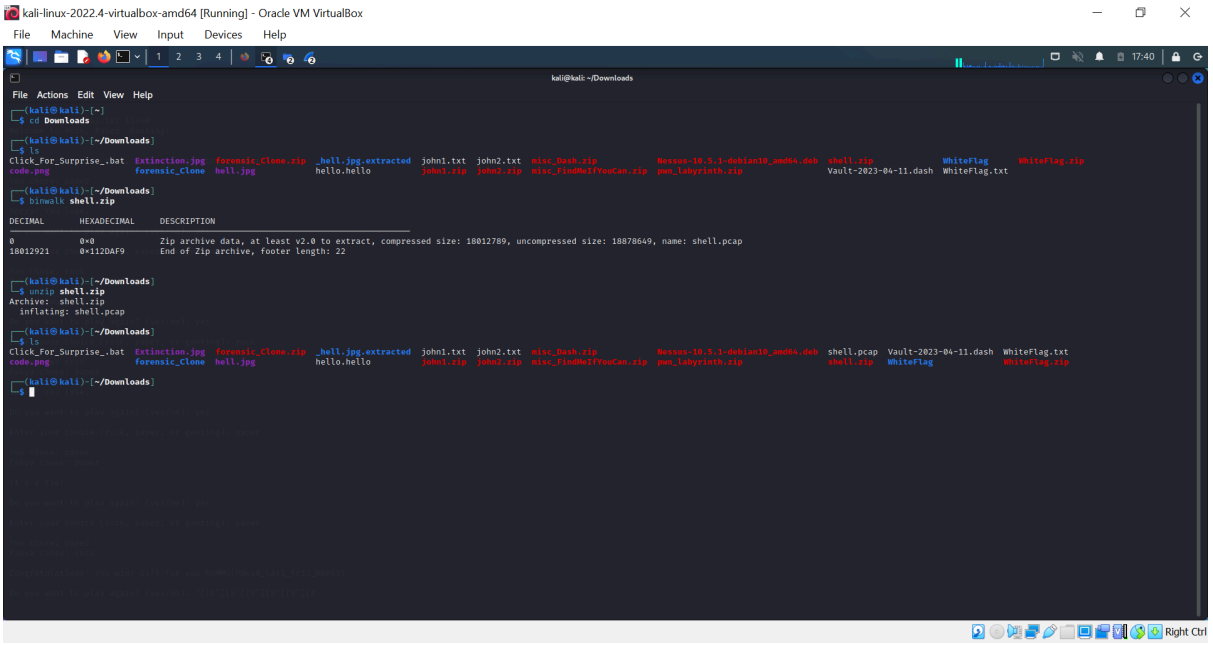


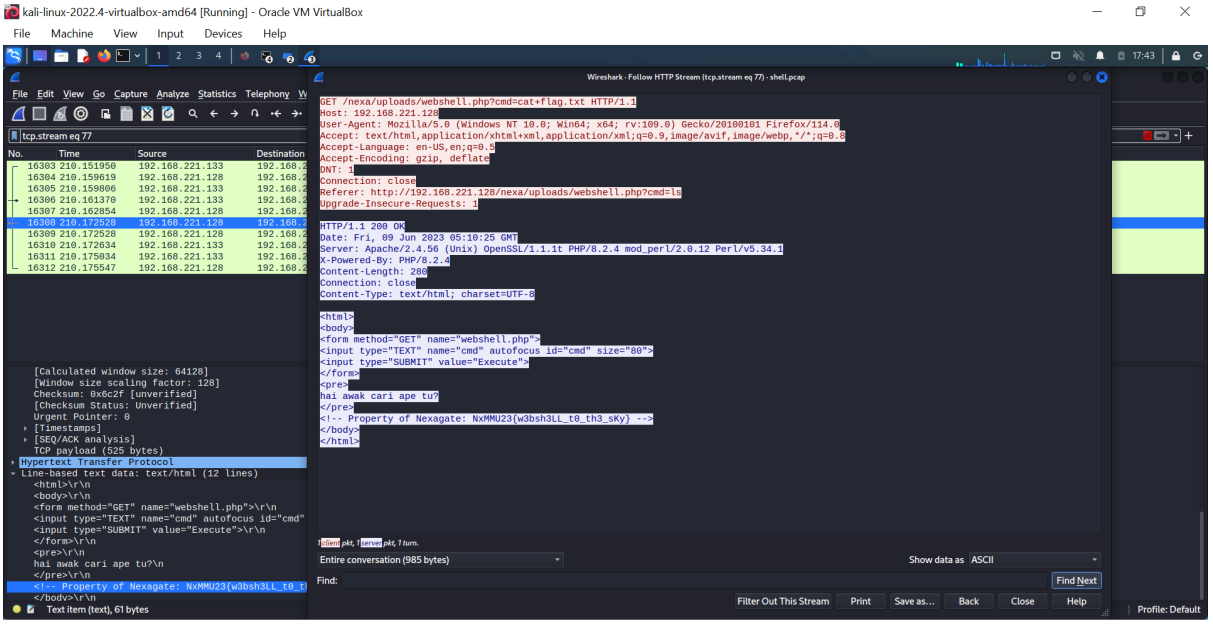


For this question, at first I scanned the WhiteFlag.zip using binwalk and then unzipped it. I was met with flag.zip and passwd.png file. I used an online steganography file to decode the png file. The code was in hexadecimal so I made use of cyberchef to convert it into string and found the flag.

Category: Forensics

Question: SHell

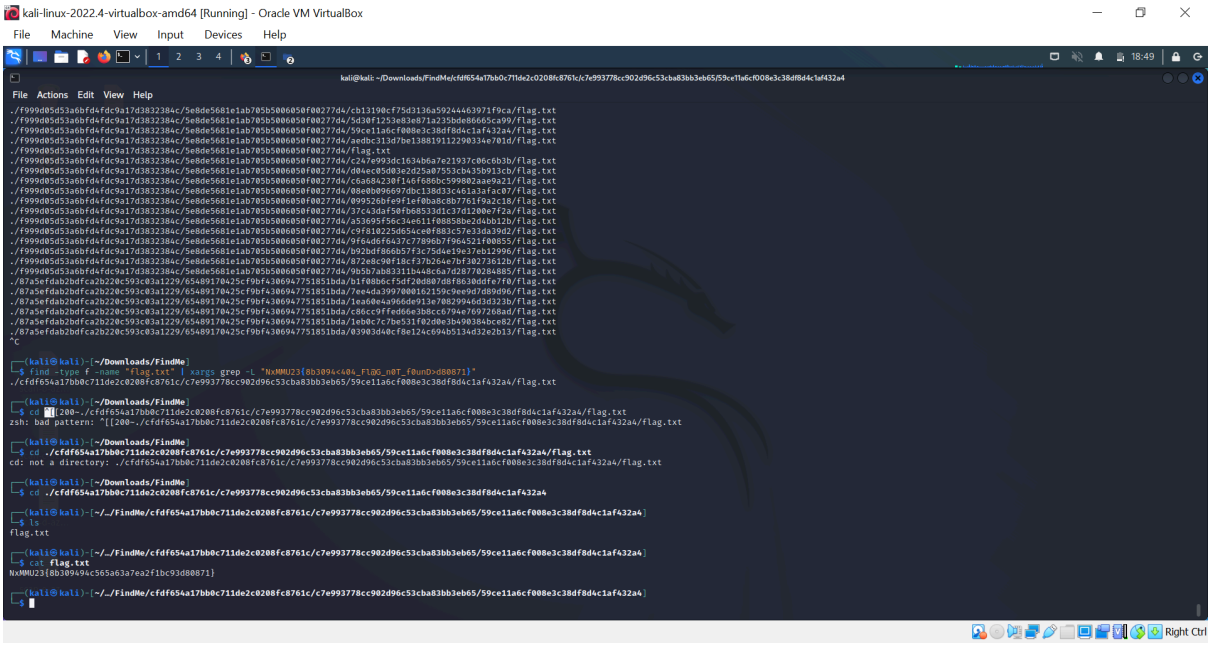




I scanned the shell.zip using binwalt and then unzipped it and found shell.pcap which i opened using wireshark. I filtered the whole thing by http and found the flag in one of them.

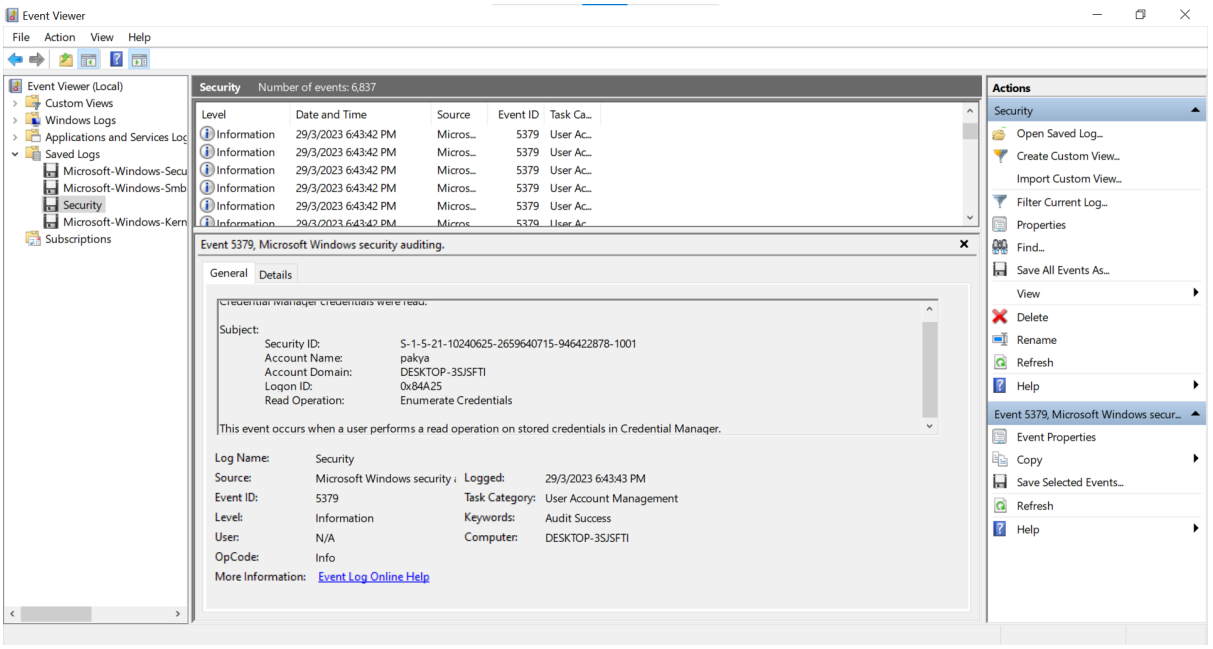
Category: Miscellaneous

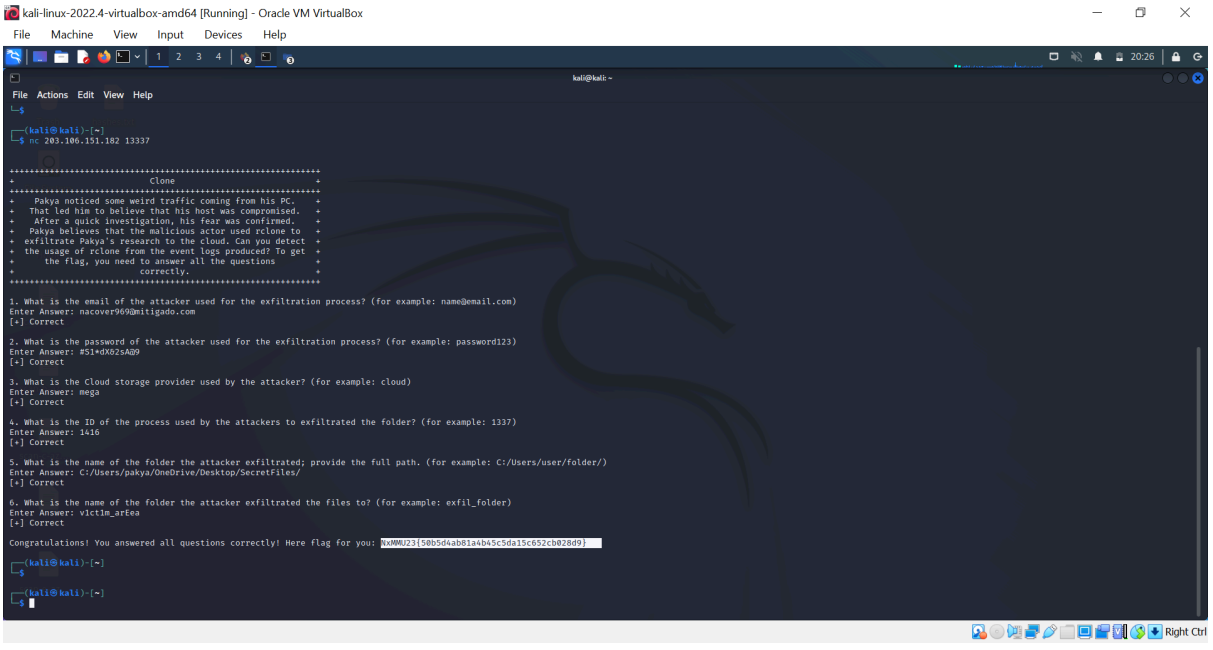
Question: FindMeIfYouCan



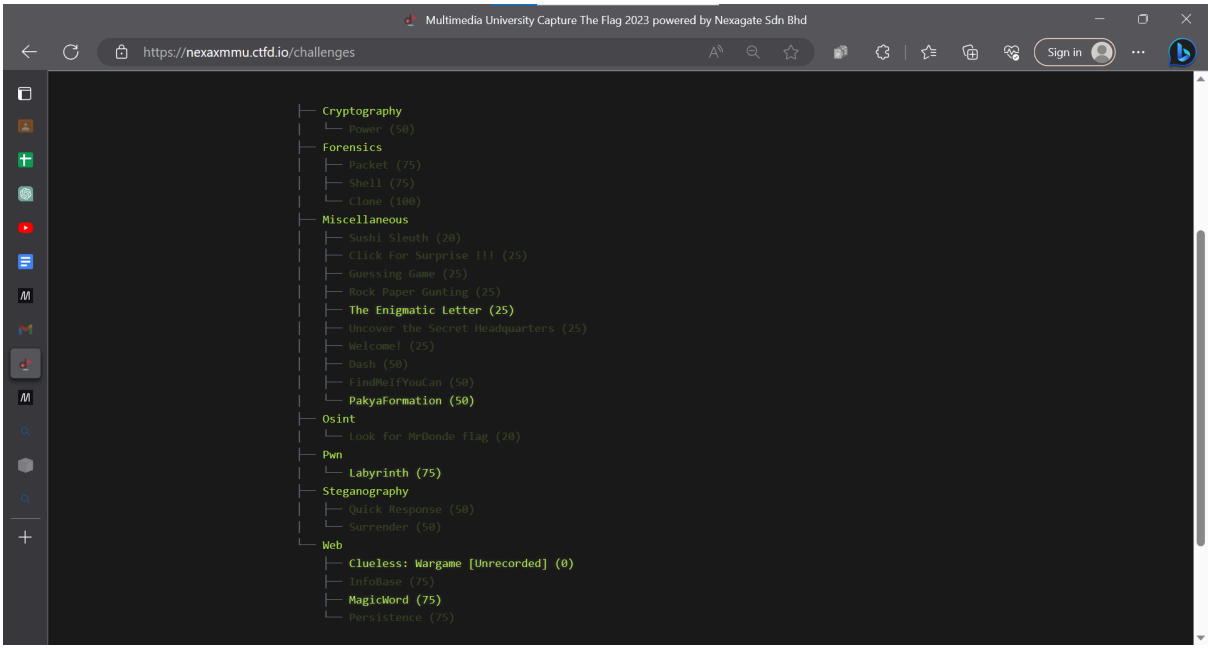
I scanned the zip file using binwalk and then unzipped it. Then I ran a command where basically it will try to find a txt file that doesnt match a specific pattern, and that's how I got my flag 🙂

Question: Clone





For this question, I found the details regarding the impersonator using Event Viewer. The event ID is 1416.


Multimedia University Capture The Flag 2023 powered by Nexagate Sdn Bhd
https://nexaxmmu.ctfd.io/challenges
Sign in
Cryptography
Power (50)
Forensics
Packet (75)
Shell (75)
Clone (100)
Miscellaneous
Sushi Sleuth (20)
Click For Surprise !!! (25)
Guessing Game (25)
Rock Paper Gunting (25)
The Enigmatic Letter (25)
Uncover the Secret Headquarters (25)
Welcome! (25)
Dash (50)
FindMeIfYouCan (50)
PakyaFormation (50)
Osint
Look for MrDonde flag (20)
Pwn
Labyrinth (75)
Steganography
Quick Response (50)
Surrender (50)
Web
Clueless: Wargame [Unrecorded] (0)
InfoBase (75)
MagicWord (75)
Persistence (75)