

biOs Tryouts

Naive cipher

In this challenge from the description it was analysed that the alphabets were shifted at a fixed amount of time. By looking at encoded string and the output format it was concluded that the key was 5. Then by decoding the encoded string the flag was captured.

Single byte Xor

For this task first dcode.fr site was used to decode the flag. Later a c program was written to decode the flag.

Base-base-base

For this challenge, by seeing the last 2 equal sign it was assumed to be a base 64 encoding. Then this encoded text was copied and pasted in CyberChef. There first the text was decoded from base64 and magic tool was used to get the flag.

Multi encoder

In this challenge from the text it was assumed that the text is a hex encoding. This was taken inside CyberChef and "from hex" was performed. Then from base64 was performed and a magic tool appeared which was also made use of. This process was continued until the flag was received.

Angry Steve

In this challenge the image was downloaded and viewed through stegsolve. As there was no clue strings command was performed on this image and found the flag.

These are the challenges that I have found the flags. Other challenges that I have tried is

Mischief kid

In this challenge first the image was viewed through stegsolve. I was not able find any clue. So the strings command was applied and did not find any clues, then exiftool command was done to find any clue, which was also unsuccessful. Then binwalk command was done, from this 2 files was seen inside Flag folder which was zip archived. Then the image was unzipped. When it was done there was a flag folder which contained flag.txt and busted.png and 474B zipped file. When these files were opened it was containing some formatted text.

Con-the-Cat

For this challenge also stegsolve, strings, exiftool was used and no clue was found. When binwalk was used there was a file seen. When unzipped the image 2 files with names 2BD and 2BD.zlib were found.

Snow man

I was not able to get any idea on this challenge.