

OxL4ugh2024

Posted Feb 10, 2024 • Updated Feb 10, 2024



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1 min read

I participated in the OxL4ugh2024 I solved all forensics challenge,and this is my write-up for most forensics challenges

Gamer - 1

Challenge

21 Solves

Gamer - 1

428

Easy

An employee downloaded an unauthorized app on their work PC to play and chat with gamer friends, leading to a malware infection. Utilizing investigative skills, please identify the specific events that transpired in this scenario.

Q1 - Can you identify the application utilized for the initial access and its version? (Example: Slack.1.2.4)

Q2- What is the attacker's ID and their account creation date?(Initial Access)

Q3- What is the full real name of the attacker?(Little Osint)?

Flag Format **OxL4ugh{A1_A2_A3}**

Example: OxL4ugh{Slack.1.2.xxxx_ID_01-12-2001_01:01:05_AttackerName(No Spaces)}

ZIP Password: OxL4ughCTF2024

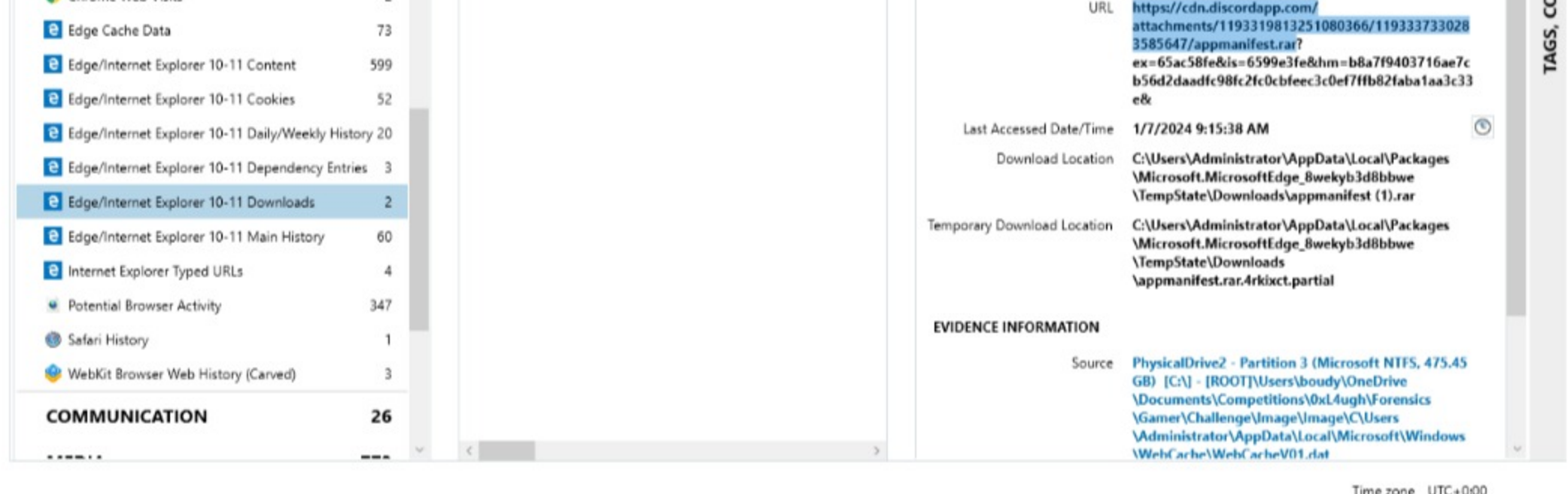
Challenge7z

Flag

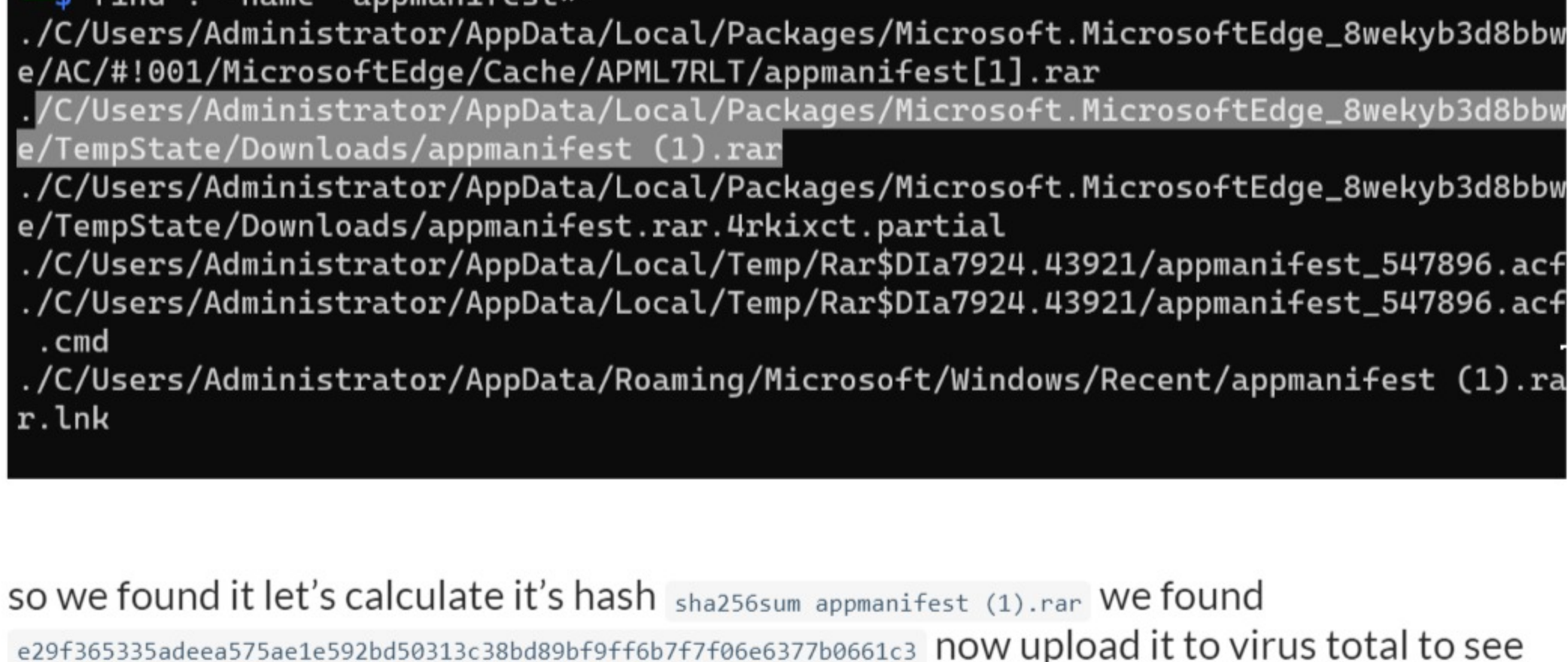
Submit

it's disk so i opened it with MagnetAxiom

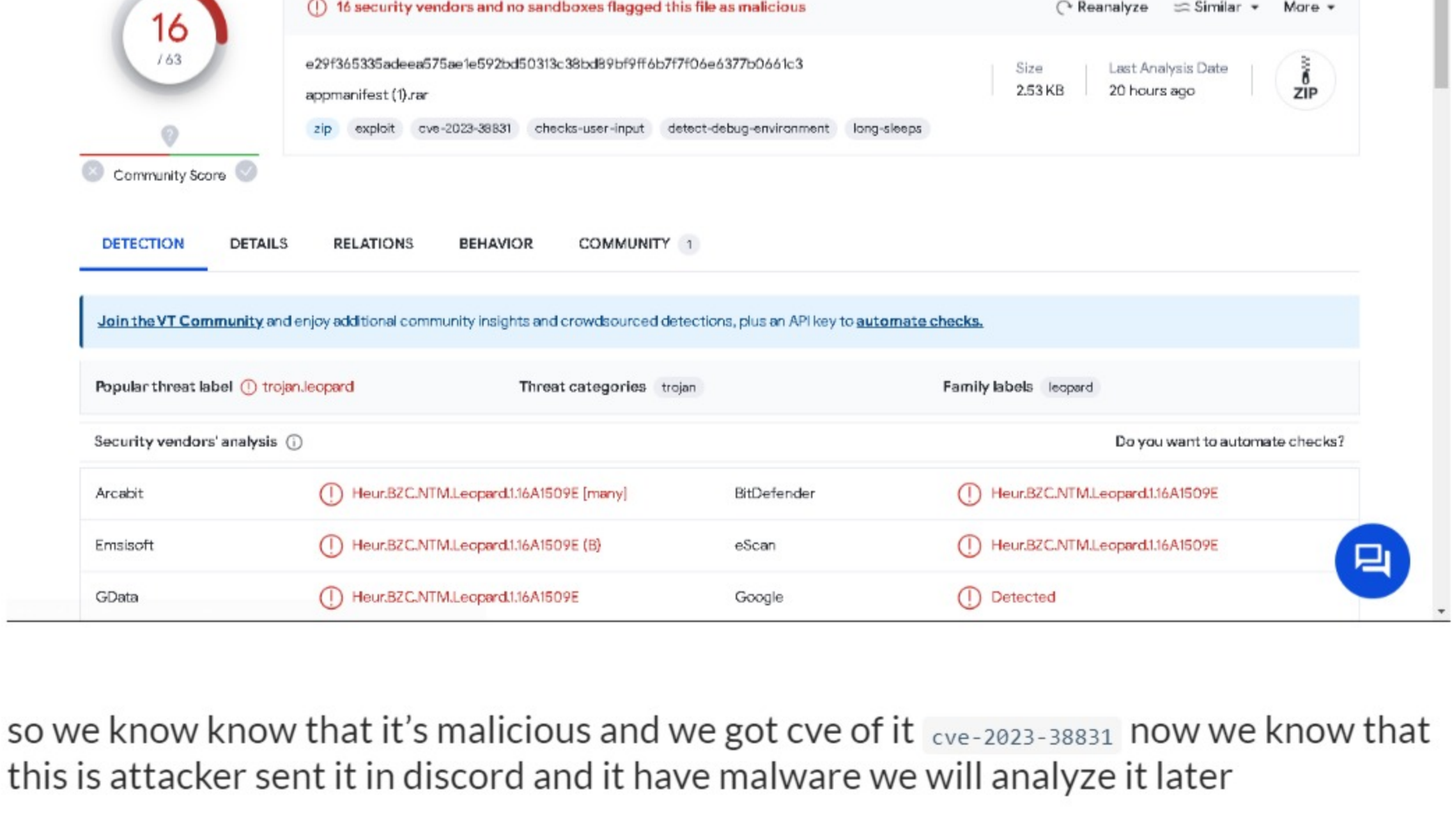
in the challenge he said that An employee downloaded an unauthorized app so we will look for browser history



so we look we found that there is suspicious .rar file downloaded from discord we know that it's name is appmanifest.rar so let's search about it in disk find . -name "appmanifest"*

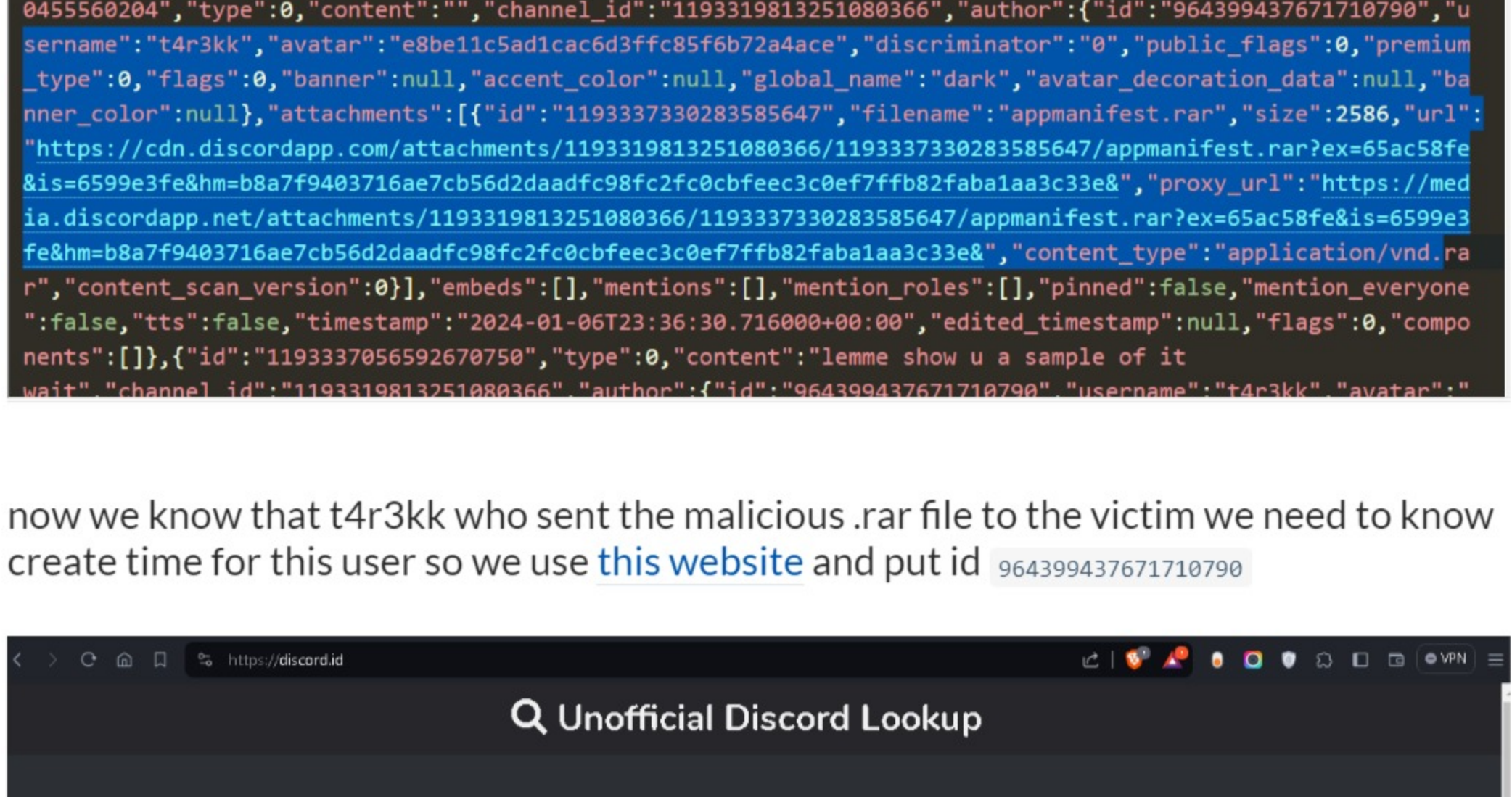


so we found it let's calculate it's hash sha256sum appmanifest (1).rar we found e29f365335adeea575ae1e592bd50313c38bd89b9ff6b77f06e6377b0661c3 now upload it to virus total to see it's have malware or not #

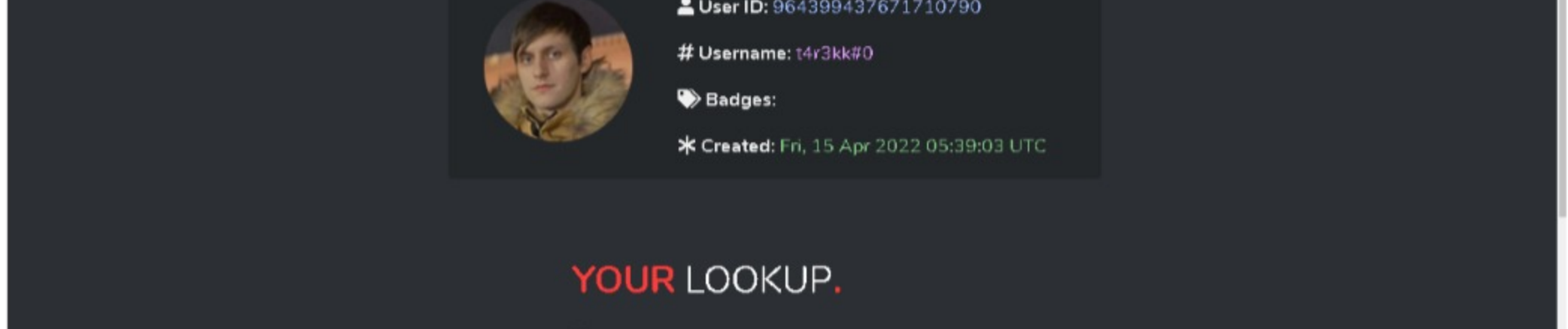


so we know know that it's malicious and we got cve of it cve-2023-38831 now we know that this is attacker sent it in discord and it have malware we will analyze it later

now we need to analyze discord cache file this link helped me so i downloaded this tool and i opened cache file in this program and extract all files by click ctrl a and then press f4 and then i opened 50.json file



now we know that t4r3kk who sent the malicious .rar file to the victim we need to know create time for this user so we use this website and put id 964399437671710790



now we know creation date and id and i did some osint i got the real name of attacker flag: OxL4ugh{Discord_1.0.9028_964399437671710790_15-04-2022_05:39:03_igorDekhtyarchuk}

Gamer - 2

Challenge

7 Solves

Gamer - 2

494

Medium

Same As Gamer 1

Q1 - Could you share the SHA256 hash of the harmful file and tell me how much time passed between receiving it initially and running the associated script?

Q2 - What is the CVE number that the attacker took advantage of?

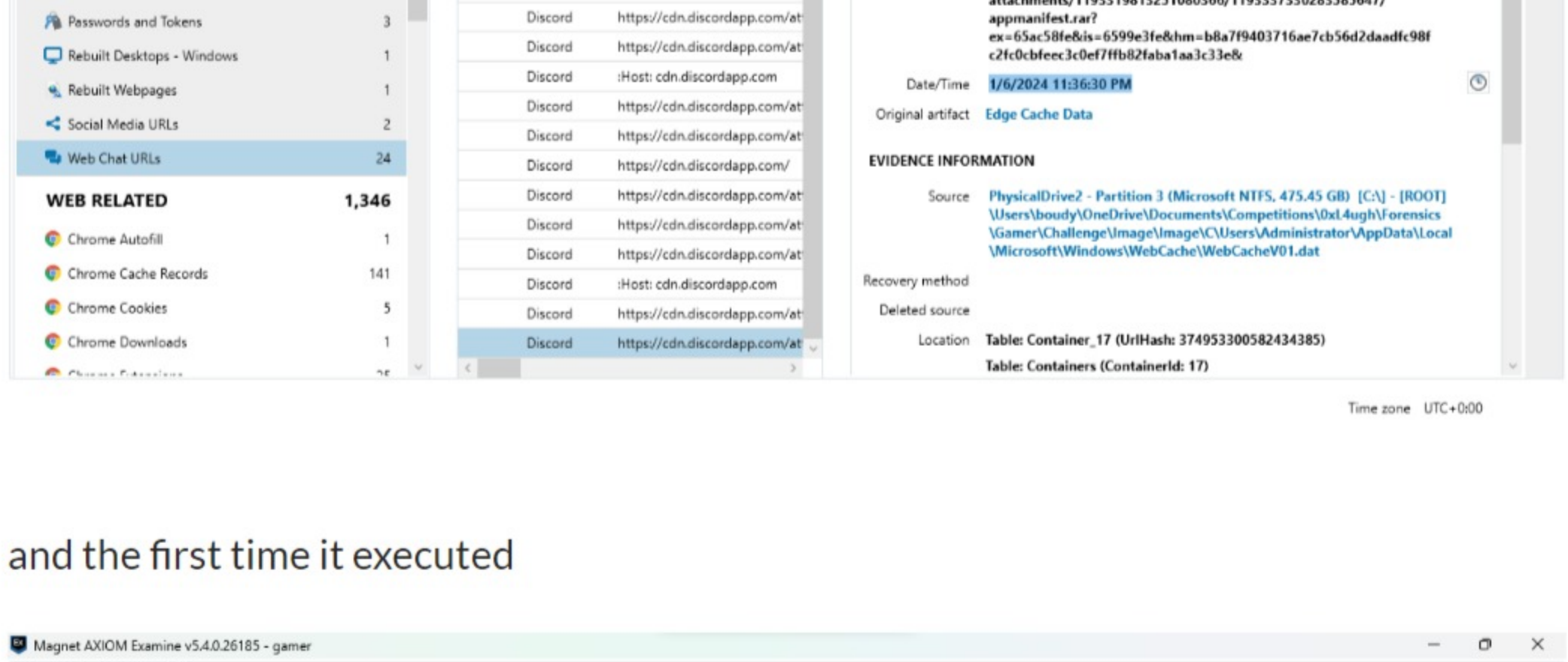
Format: OxL4ugh{SH256_HH:MM:SS.CVE-XXXX-XXXX}

Flag

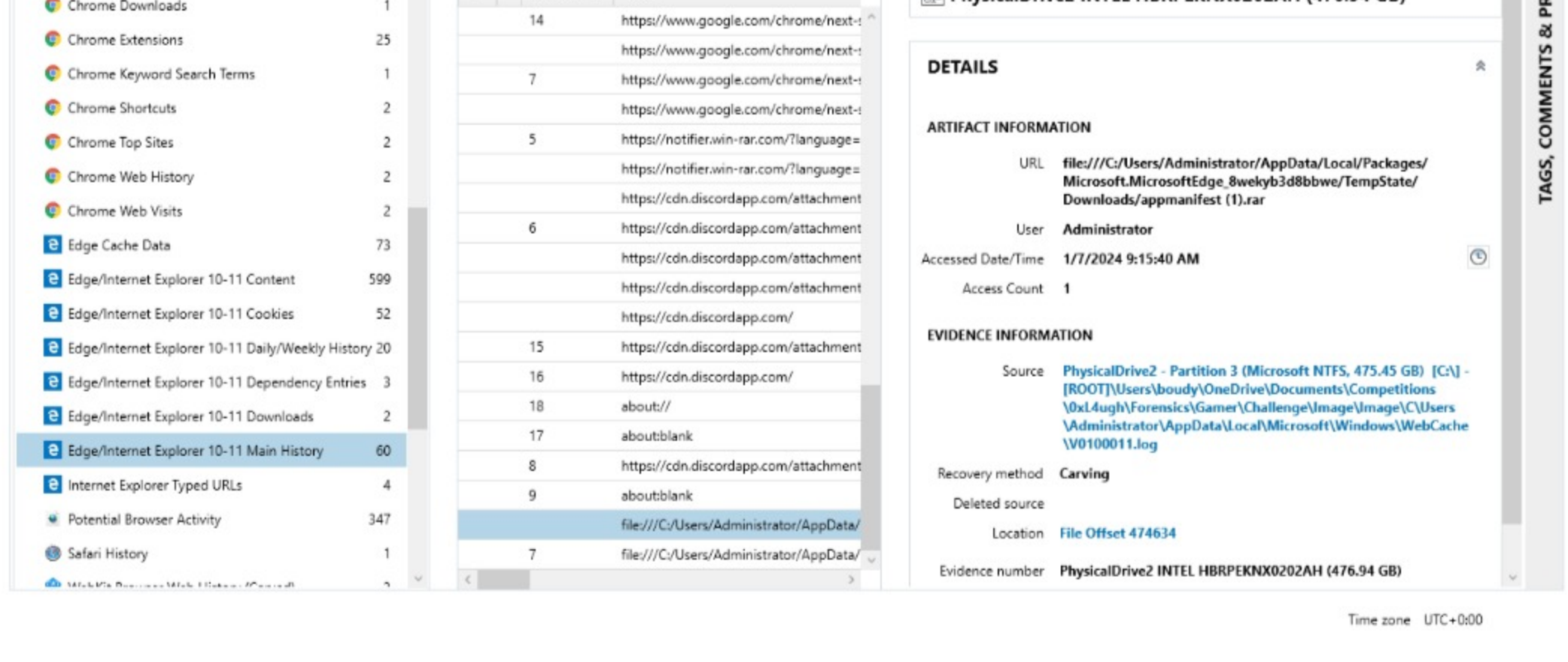
Submit

now here we know sha256 of file and we know the cve we got in first question so now we need to know when this is .rar is installed in the system

this is the first time the file is downloaded to system



and the first time it executed



now date_of_execution - date_of_downloading

flag: OxL4ugh{e29f365335adeea575ae1e592bd50313c38bd89b9ff6b77f06e6377b0661c3_09:39:44_CVE-2023-38831}

Gamer - 4

Challenge

17 Solves

Gamer - 4

454

Medium

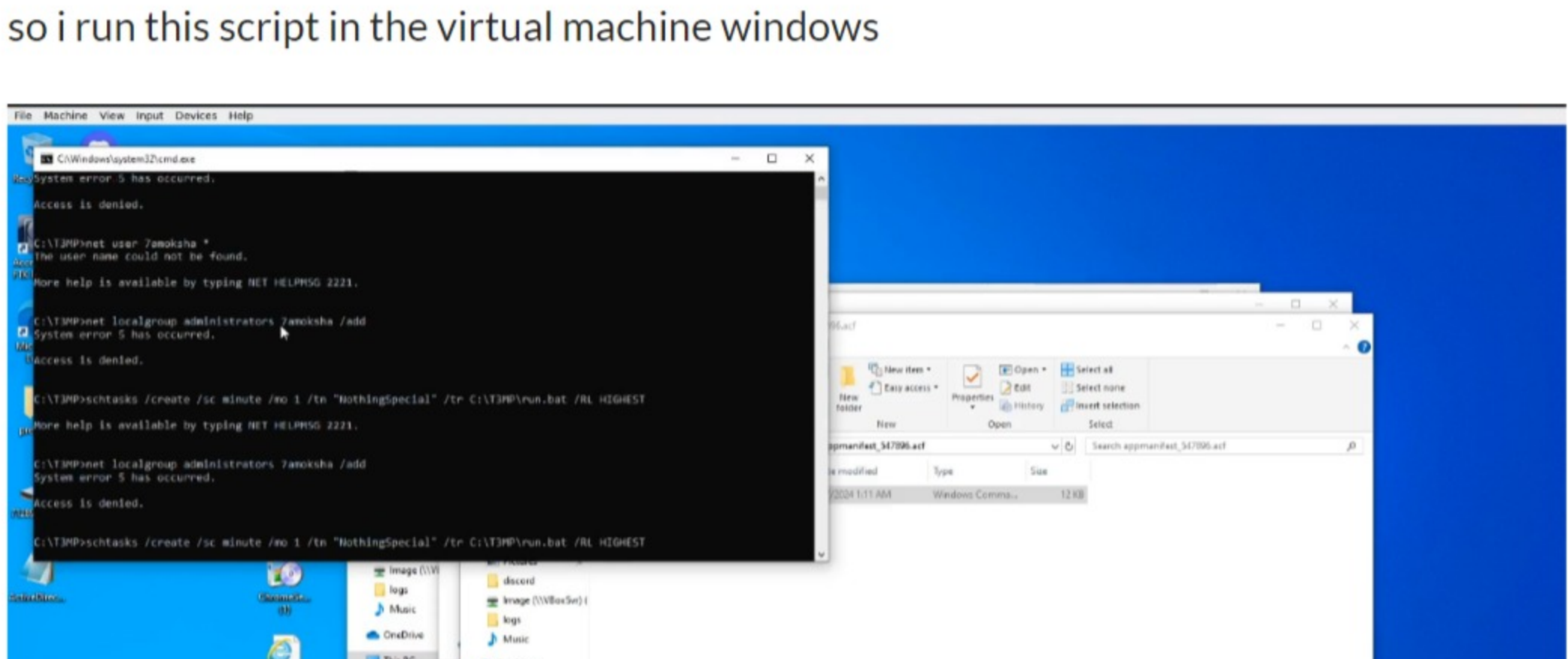
Same As Gamer 1

The attacker created a scheduled task. Could you please provide the name of the task and the action command associated with it? FlagFormat: OxL4ugh{ScheduledTaskName_Command}

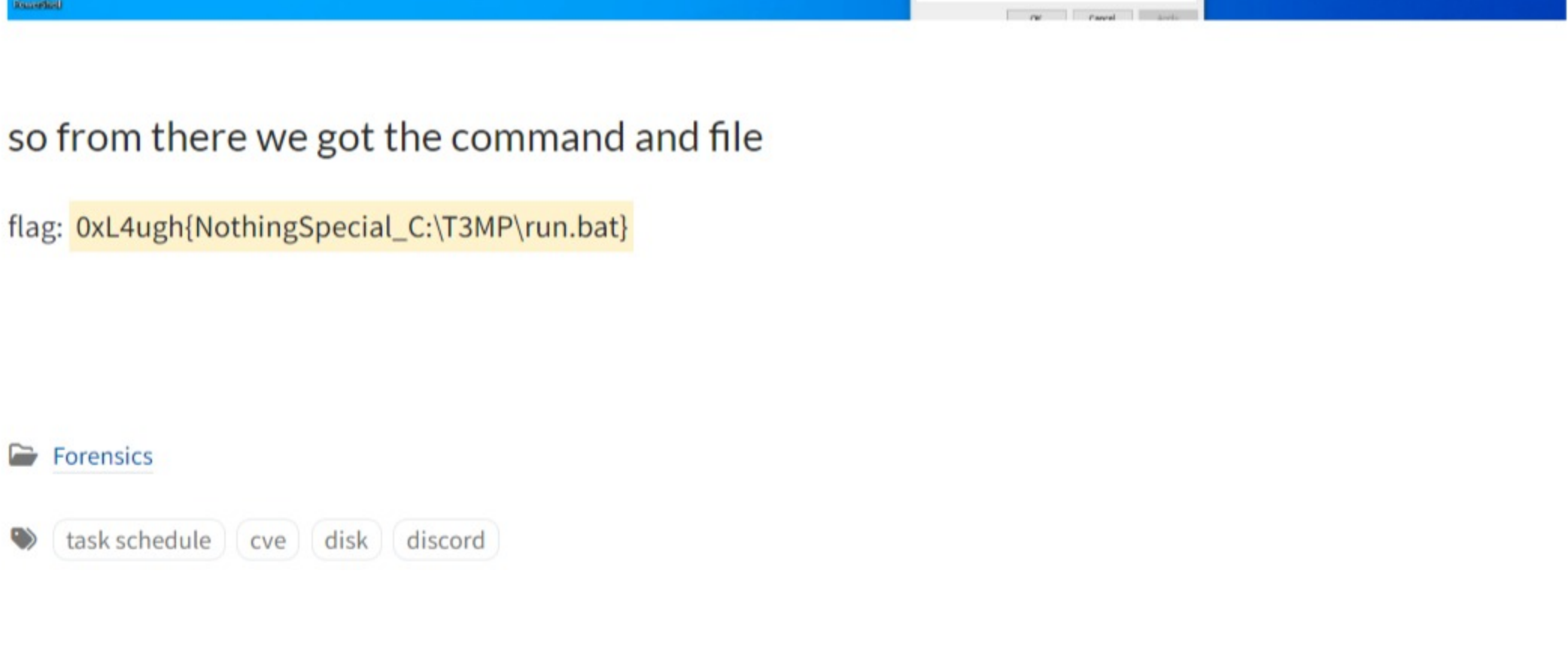
Flag

Submit

ok when we searched about malware with find . -name "appmanifest*" we found suspicious file



so i run this script in the virtual machine windows



so from there we got the command and file

flag: OxL4ugh{NothingSpecial_C:\TMP\run.bat}

Forensics task.schedule cve disk discord

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Further Reading

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I participated in the UofTCTF 2024 I solved all forensics challenge,and th...

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