

# LokiLocker, a Ransomware Similar to BlackBit Being Distributed in Korea - ASEC

By ATCP

Published: 2023-05-08 · Archived: 2026-04-05 12:35:17 UTC



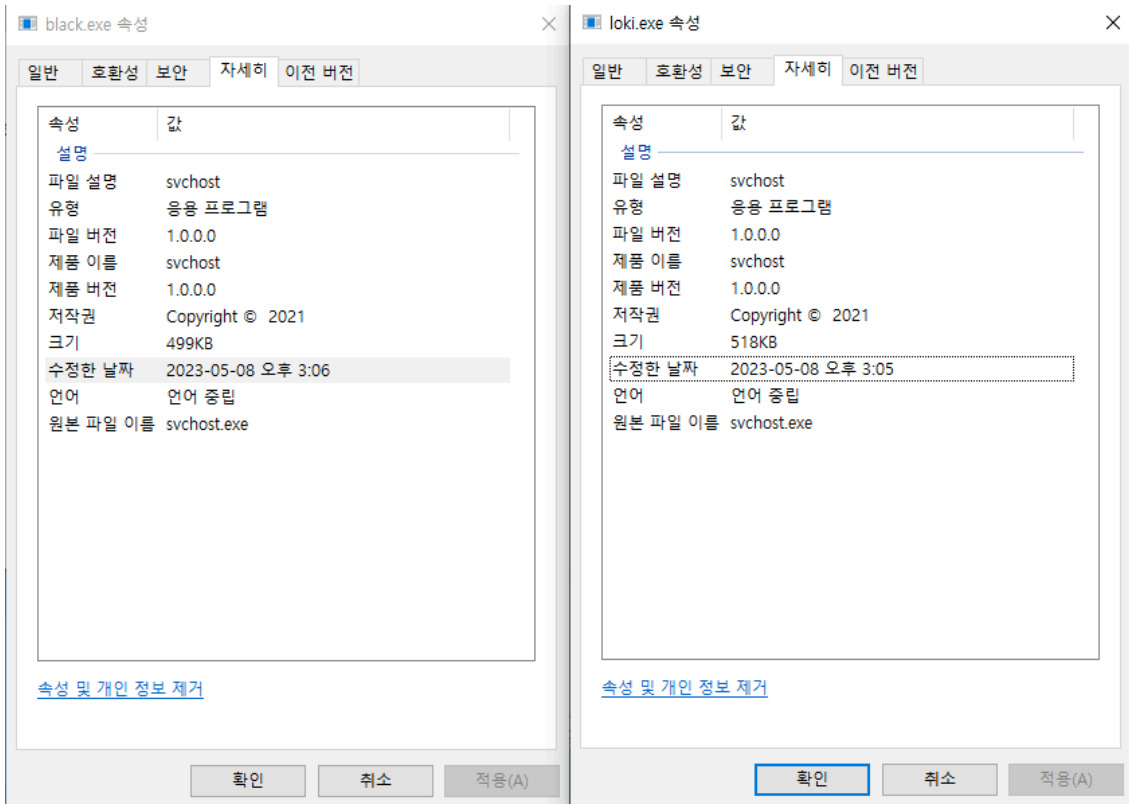
AhnLab Security Emergency response Center(ASEC) has confirmed the distribution of the LokiLocker ransomware in Korea. This ransomware is almost identical to the BlackBit ransomware and their common traits have been mentioned before in a previous blog post. A summary of these similarities is as follows.

## Similarities Between LokiLocker and BlackBit

- Disguised as svchost.exe
- Same obfuscation tool used (.NET Reactor)
- Registered to the task scheduler and registry (persistence of malware)
- Ransom note and the new file icon image set after encryption

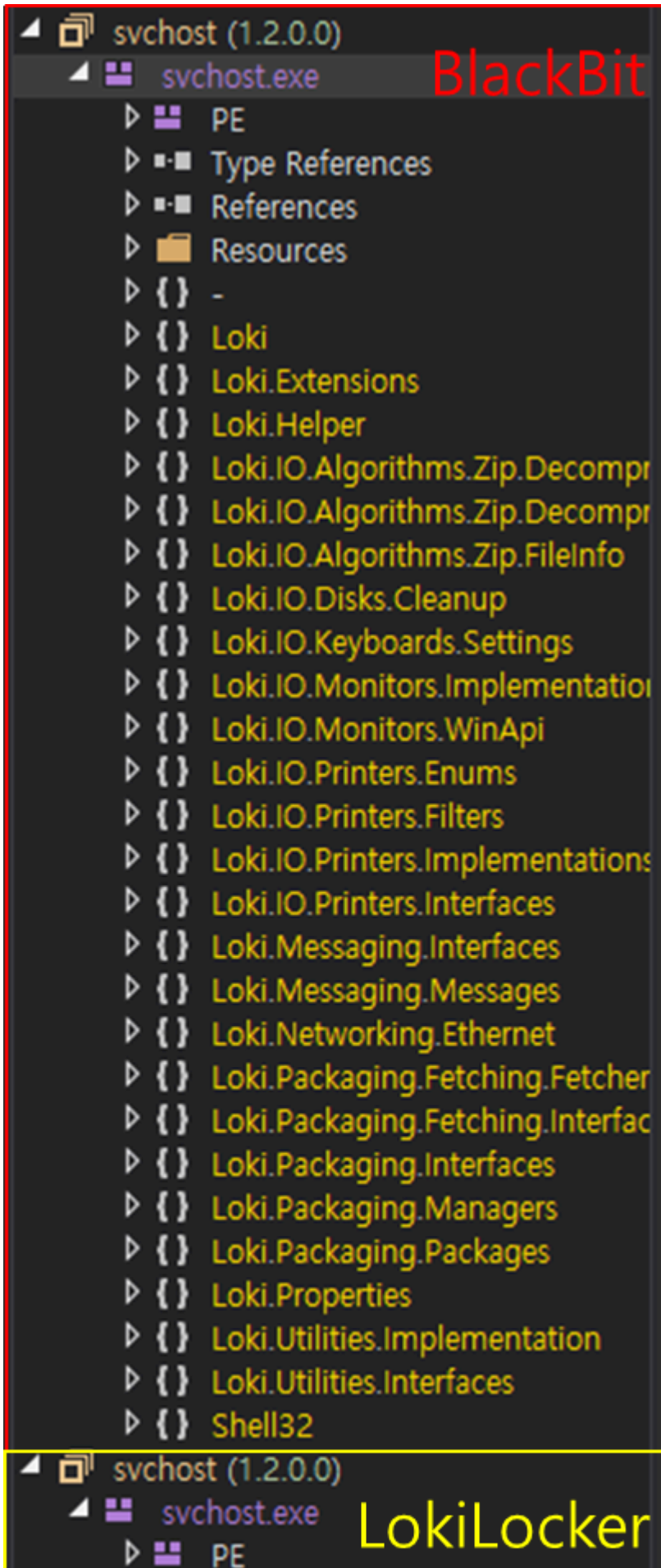
### Disguised as svchost.exe

The BlackBit ransomware, which was covered in a previous post, disguised itself as a svchost.exe file. Similarly, the recently discovered LokiLocker ransomware was also found disguised as a svchost.exe file.



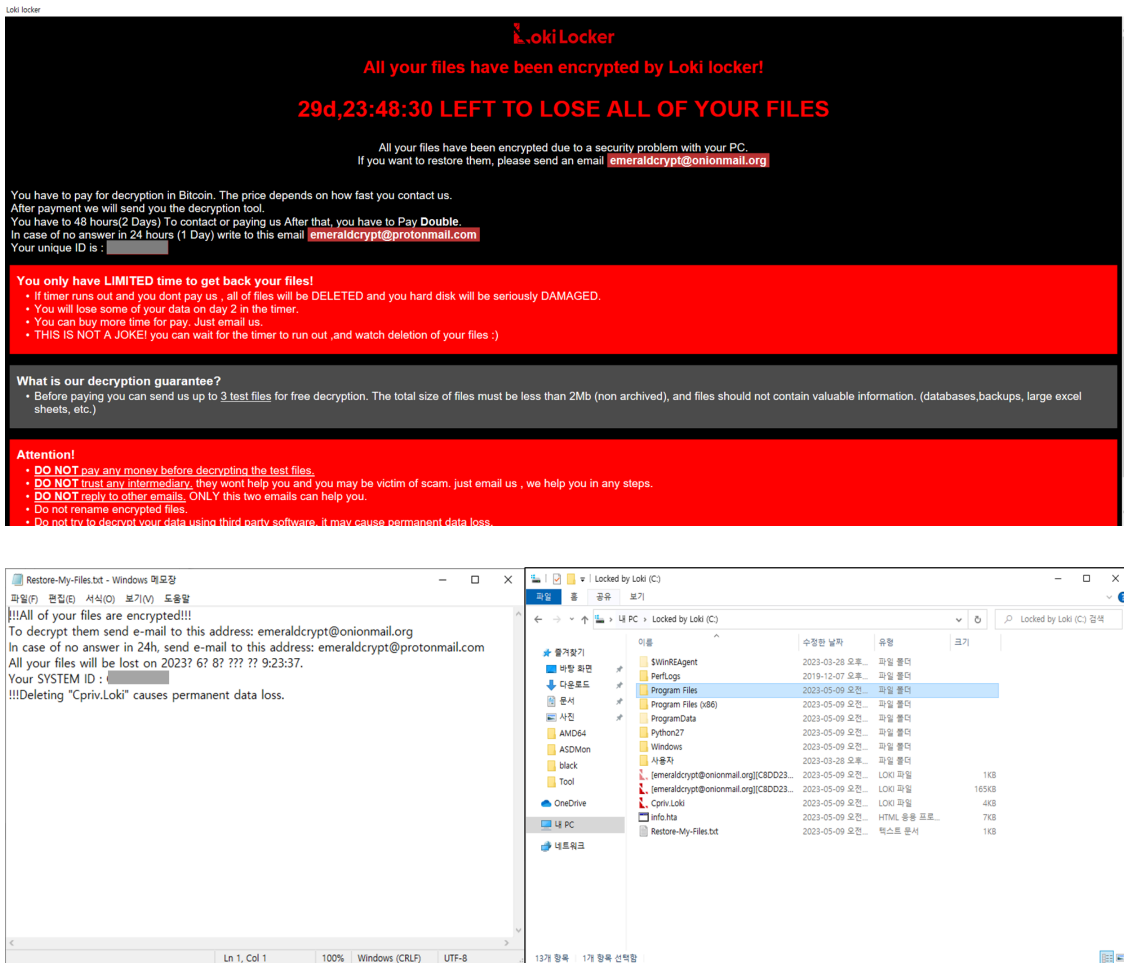
### Same packer used (.NET Reactor)

A .NET Reactor was used to obfuscate the code and deter analysis. By looking at the unpacked BlackBit ransomware, it becomes clear that the malware was derived from the LokiLocker ransomware.





After successfully infecting a system, LokiLocker creates a ransom note named Restore-My-Files.txt in each infected folder path, containing the message below. The ransom note and the icon of the infected files that have been confirmed were also found to be very similar to those of the BlackBit ransomware.



AhnLab's anti-malware software, V3, detects and responds to LokiLocker ransomware with a variety of detection points, including file detection and behavior-based detection. To prevent ransomware infection, users must be cautious of running files from unknown sources and make sure to scan suspicious files with an anti-malware program while also keeping the program updated to the latest version. AhnLab's anti-malware software, V3, detects and blocks the malware using the following aliases:

[File Detection]

Ransomware/Win.Loki.C5421356 (2023.05.03.00)

[Behavior Detection]

Ransom/MDP.Delete.M2117

MD5

d03823a205919b6927f3fa3164be5ac5

Additional IOCs are available on AhnLab TIP.

Gain access to related IOCs and detailed analysis by subscribing to **AhnLab TIP**. For subscription details, click the banner below.



---

Source: <https://asec.ahnlab.com/en/52570/>