

TASK 4

Malware file analysis is performed safely using tools like VirusTotal by analyzing file hashes instead of executing the actual malware. A hash uniquely identifies a file and allows security tools to check whether it matches any known malicious samples.

By searching a known malware hash in VirusTotal, detection results from multiple antivirus engines can be reviewed. The analysis includes detection ratio, malware classification, file details, observed behaviours, network activity, and relationships with other malicious indicators.

This method helps in understanding malware behaviour, lifecycle, spreading techniques, and prevention strategies without risking system security. It is widely used for malware awareness, research, and basic threat detection.

HASHING

Hashing is the process of converting any data (file, text, password) into a fixed-length unique value called a hash.

For this installing a malware application is not nice performance, so through hashing we check that using online hash identifiers.

**`fad89cd3d010b686f0fb8aaf22d79576d589d29f648b42d917b7f5cafe6
c0ed3`**

This hashing denotes WannaCry ransomware SHA256 hash.txt

Here is the detailed report about the hashing value

fad89cd3d010b686f0fb8aaaf22d79576d589d29f648b42d917b7f5cafe6c0ed3

DETECTION DETAILS COMMUNITY

Join our Community and enjoy additional community insights and crowdsourced detections, plus an API key to automate checks.

Basic properties

MD5	2c08813268ed74367e7dbf7a179385a2
SHA-1	65a5706870295755546d1805d5d430cbff8f2d579
SHA-256	fad89cd3d010b686f0fb8aaaf22d79576d589d29f648b42d917b7f5cafe6c0ed3
SSDEEP	3:bwg0Qv+Br3EKovLdWQEoH/G/End5cJQhraW/en:bRmBr0KUWQgkAdCshOW/e
TLSH	T168B01230312DD6995950CC2811F500C0180605011676C4609611E8026E126CE31220C0
File type	Text <small>(text)</small>
Magic	ASCII text, with CRLF line terminators
TrID	file seems to be plain text/ASCII (0%)
Magika	TXT
File size	87 B (87 bytes)

History

First Submission	2026-01-22 06:06:01 UTC
Last Submission	2026-01-22 06:06:01 UTC
Last Analysis	2026-01-22 06:06:01 UTC

Names

WannaCry ransomware SHA256 hash.txt
