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5038(F): Code integrity determined that the image hash of a file is not valid. The file could be corrupt due to unauthorized modification or the invalid hash could indicate a potential disk device error.

Article • 09/08/2021 • 1 contributor

The file could be corrupt due to unauthorized modification or the invalid hash could indicate a potential disk device error.

This event generates by Code Integrity feature, if signature of a file isn't valid.

Code Integrity is a feature that improves the security of the operating system by validating the integrity of a driver or system file each time it's loaded into memory. Code Integrity detects whether an unsigned driver or system file is being loaded into the kernel, or whether a system file has been modified by malicious software that is being run by a user account with administrative permissions. On x64-based versions of the operating system, kernel-mode drivers must be digitally signed.

There's no example of this event in this document.

Subcategory: Audit System Integrity

Event Schema:

Code integrity determined that the image hash of a file is not valid. The file could be corrupt due to unauthorized modification or the invalid hash could indicate a potential disk device error.

File Name: %filepath\filename%

Security Monitoring Recommendations

Auditing)

File System (Global Object Access Auditing)

Windows security

- We recommend monitoring for this event, especially on high value assets or computers, because it can be a sign of a software or configuration issue, or a malicious action.

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