



Microsoft Windows Common Log File System (CLFS) Driver Privilege Escalation Vulnerability

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF](#)

Summary

CVE	CVE-2023-23376
State	PUBLIC
Assigner	secure@microsoft.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2023-02-14 20:15:00 UTC
Updated	2023-02-23 19:38:00 UTC
Description	Windows Common Log File System Driver Elevation of Privilege Vulnerability

Risk And Classification

EPSS: 0.210590000 probability, percentile 0.956660000 (date 2026-04-22)

CISA KEV: Listed on 2023-02-14; due 2023-03-07; ransomware use Known

Problem Types: NVD-CWE-noinfo

CISA Known Exploited Vulnerability

Vendor	Microsoft
Product	Windows
Name	Microsoft Windows Common Log File System (CLFS) Driver Privilege Escalation Vulnerability
Required Action	Apply updates per vendor instructions.
Notes	https://msrc.microsoft.com/update-guide/en-US/vulnerability/CVE-2023-23376 ; https://nvd.nist.gov/vuln/detail/CVE-2023-23376

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Microsoft	Windows 10	All	All	All	All
Operating System	Microsoft	Windows 10 1607	All	All	All	All
Operating System	Microsoft	Windows 10 1809	All	All	All	All
Operating System	Microsoft	Windows 10 20h2	All	All	All	All
Operating System	Microsoft	Windows 10 21h2	All	All	All	All
Operating System	Microsoft	Windows 10 22h2	All	All	All	All
Operating System	Microsoft	Windows 11 21h2	All	All	All	All

Operating System	Microsoft	Windows 11 22H2	All	All	All	All
Operating System	Microsoft	Windows 11 22h2	All	All	All	All
Operating System	Microsoft	Windows Server 2008	-	sp2	All	All
Operating System	Microsoft	Windows Server 2008	r2	sp1	All	All
Operating System	Microsoft	Windows Server 2012	-	All	All	All
Operating System	Microsoft	Windows Server 2012	r2	All	All	All
Operating System	Microsoft	Windows Server 2016	-	All	All	All
Operating System	Microsoft	Windows Server 2019	-	All	All	All
Operating System	Microsoft	Windows Server 2022	-	All	All	All

References

Reference	Source	Link	Tags
Security Update Guide - Microsoft Security Response Center	MISC	msrc.microsoft.com	
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, analysis
CISA Known Exploited Vulnerabilities catalog	CISA	www.cisa.gov	kev

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[91979](#) Microsoft Windows Security Update for February 2023

[91988](#) Microsoft Azure Stack Hub Security Updates for February 2023

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