



Windows Projected File System Elevation of Privilege Vulnerability

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

Summary

CVE	CVE-2026-27927
State	PUBLISHED
Assigner	microsoft
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-04-14 18:17:03 UTC
Updated	2026-04-22 17:37:52 UTC
Description	Concurrent execution using shared resource with improper synchronization ('race condition') in Windows Projected File Sys

Risk And Classification

Primary CVSS: v3.1 7 HIGH from nvd@nist.gov

CVSS: 3.1/AV:L/AC:H/PR:L/UI:N/S:U/C:H/I:H/A:H

EPSS: 0.000440000 probability, percentile 0.136360000 (date 2026-04-22)

Problem Types: CWE-362 | CWE-416 | CWE-362 CWE-362: Concurrent Execution using Shared Resource with Improper Synchronization ('Race Condition') | CWE-416 CWE-416: Use After Free

Version	Source	Type	Score	Severity	Vector
3.1	nvd@nist.gov	Primary	7	HIGH	CVSS:3.1/AV:L/AC:H/PR:L/UI:N/S:U/C:H/I:H/A:H
3.1	secure@microsoft.com	Secondary	7.8	HIGH	CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:H/I:H/A:H
3.1	CNA	CVSS	7.8	HIGH	CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:H/I:H/A:H/E:U/RL:O/RC:C

CVSS v3.1 Breakdown

Attack Vector

Local

Attack Complexity

High

Privileges Required

Low

User Interaction

None

Scope

Unchanged

Confidentiality

High

Integrity

High

Availability

High

CVSS:3.1/AV:L/AC:H/PR:L/UI:N/S:U/C:H/I:H/A:H

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Microsoft	Windows 10 1809	All	All	All	All
Operating System	Microsoft	Windows 10 1809	All	All	All	All
Operating System	Microsoft	Windows 10 21h2	All	All	All	All
Operating System	Microsoft	Windows 10 21h2	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 10 22h2	All	All	All	All
Operating System	Microsoft	Windows 10 22h2	All	All	All	All
Operating System	Microsoft	Windows 10 22h2	All	All	All	All
Operating System	Microsoft	Windows 11 23h2	All	All	All	All
Operating System	Microsoft	Windows 11 23h2	All	All	All	All
Operating System	Microsoft	Windows 11 24h2	All	All	All	All
Operating System	Microsoft	Windows 11 24h2	All	All	All	All
Operating System	Microsoft	Windows 11 25h2	All	All	All	All
Operating System	Microsoft	Windows 11 25h2	All	All	All	All
Operating System	Microsoft	Windows 11 26h1	All	All	All	All
Operating System	Microsoft	Windows 11 26h1	All	All	All	All
Operating System	Microsoft	Windows Server 2019	All	All	All	All
Operating System	Microsoft	Windows Server 2022	All	All	All	All
Operating System	Microsoft	Windows Server 2022 23h2	All	All	All	All
Operating System	Microsoft	Windows Server 2025	All	All	All	All

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platform
CNA	Microsoft	Windows 10 Version 1809	affected 10.0.17763.0 10.0.17763.8644 custom	32-bit
CNA	Microsoft	Windows 10 Version 21H2	affected 10.0.19044.0 10.0.19044.7184 custom	32-bit
CNA	Microsoft	Windows 10 Version 22H2	affected 10.0.22045.0 10.0.22045.7184 custom	32-bit

CNA	Microsoft	Windows 10 Version 22H2	affected	10.0.19045.0	10.0.19045.7184	custom	x32-bit
CNA	Microsoft	Windows 11 Version 22H3	affected	10.0.22631.0	10.0.22631.6936	custom	ARM64
CNA	Microsoft	Windows 11 Version 23H2	affected	10.0.22631.0	10.0.22631.6936	custom	x64-bit
CNA	Microsoft	Windows 11 Version 24H2	affected	10.0.26100.0	10.0.26100.8246	custom	ARM64
CNA	Microsoft	Windows 11 Version 25H2	affected	10.0.26200.0	10.0.26200.8246	custom	ARM64
CNA	Microsoft	Windows 11 Version 26H1	affected	10.0.28000.0	10.0.28000.1836	custom	ARM64
CNA	Microsoft	Windows Server 2019	affected	10.0.17763.0	10.0.17763.8644	custom	x64-bit
CNA	Microsoft	Windows Server 2019 Server Core Installation	affected	10.0.17763.0	10.0.17763.8644	custom	x64-bit
CNA	Microsoft	Windows Server 2022	affected	10.0.20348.0	10.0.20348.5020	custom	x64-bit
CNA	Microsoft	Windows Server 2022 23H2 Edition Server Core Installation	affected	10.0.25398.0	10.0.25398.2274	custom	x64-bit
CNA	Microsoft	Windows Server 2025	affected	10.0.26100.0	10.0.26100.32690	custom	x64-bit
CNA	Microsoft	Windows Server 2025 Server Core Installation	affected	10.0.26100.0	10.0.26100.32690	custom	x64-bit



References

Reference	Source	Link	Tags
msrc.microsoft.com/update-guide/vulnerability/CVE-2026-27927	secure@microsoft.com	msrc.microsoft.com	Vendor Advisory
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, analysis

No vendor comments have been submitted for this CVE.

There are currently no legacy QID mappings associated with this CVE.

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