Windows Push Notifications Elevation of Privilege Vulnerability

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Summary

CVE	CVE-2026-32159
State	PUBLISHED
Assigner	microsoft
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-04-14 18:17:17 UTC
Updated	2026-04-20 18:19:16 UTC
Description	Concurrent execution using shared resource with improper synchronization ('race condition') in Windows Push Notifications

Risk And Classification

Primary CVSS: v3.1 7.8 HIGH from secure@microsoft.com

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

EPSS: 0.000410000 probability, percentile 0.124060000 (date 2026-04-21)

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	secure@microsoft.com	Secondary	7.8	HIGH	CVSS:3.1/AV:L/AC:H/PR:L/UI:N/S:C/C:H/I:H/A:H
3.1	CNA	CVSS	7.8	HIGH	CVSS:3.1/AV:L/AC:H/PR:L/UI:N/S:C/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

Changed

Confidentiality

High

Integrity

High

Availability

High

CVSS:3.1/AV:L/AC:H/PR:L/UI:N/S:C/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 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	Platfo
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 10.0.19045.0 10.0.19045.7184 custom	32-bit

CNA	Microsoft	Windows 11 Version 22H3	affected 10.0.22631.0 10.0.22631.6936 custom	ARM6
CNA	Microsoft	Windows 11 Version 23H2	affected 10.0.22631.0 10.0.22631.6936 custom	x64-b
CNA	Microsoft	Windows 11 Version 24H2	affected 10.0.26100.0 10.0.26100.8246 custom	ARM6
CNA	Microsoft	Windows 11 Version 25H2	affected 10.0.26200.0 10.0.26200.8246 custom	ARM6
CNA	Microsoft	Windows 11 Version 26H1	affected 10.0.28000.0 10.0.28000.1836 custom	ARM6
CNA	Microsoft	Windows Server 2019	affected 10.0.17763.0 10.0.17763.8644 custom	x64-b
CNA	Microsoft	Windows Server 2019 Server Core Installation	affected 10.0.17763.0 10.0.17763.8644 custom	x64-b
CNA	Microsoft	Windows Server 2022	affected 10.0.20348.0 10.0.20348.5020 custom	x64-b
CNA	Microsoft	Windows Server 2022 23H2 Edition Server Core Installation	affected 10.0.25398.0 10.0.25398.2274 custom	x64-b
CNA	Microsoft	Windows Server 2025	affected 10.0.26100.0 10.0.26100.32690 custom	x64-b
CNA	Microsoft	Windows Server 2025 Server Core Installation	affected 10.0.26100.0 10.0.26100.32690 custom	x64-b

References

Reference	Source	Link	Tags
msrc.microsoft.com/update-guide/vulnerability/CVE-2026-32159	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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