Windows Hello Security Feature Bypass Vulnerability

MITRE | NVD | CVE.ORG | JSON API | Print: PDF

Summary

CVE	CVE-2026-27906
State	PUBLISHED
Assigner	microsoft
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-04-14 18:16:56 UTC
Updated	2026-04-23 17:46:58 UTC
Description	Improper input validation in Windows Hello allows an authorized attacker to bypass a security feature locally.

Risk And Classification

Primary CVSS: v3.1 4.4 MEDIUM from secure@microsoft.com

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

EPSS: 0.000800000 probability, percentile 0.235360000 (date 2026-04-24)

Problem Types: CWE-20 | CWE-20 CWE-20: Improper Input Validation

Version	Source	Type	Score	Severity	Vector
3.1	secure@microsoft.com	Secondary	4.4	MEDIUM	CVSS:3.1/AV:L/AC:L/PR:H/UI:N/S:U/C:H/I:N/A:N
3.1	CNA	CVSS	4.4	MEDIUM	CVSS:3.1/AV:L/AC:L/PR:H/UI:N/S:U/C:H/I:N/A:N/E:U/RL:O/RC:C

CVSS v3.1 Breakdown

Attack Vector

Local

Attack Complexity

Low

Privileges Required

High

User Interaction

None

Scope

Unchanged

Confidentiality

High

Integrity

None

Availability

None

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

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
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

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Microsoft	Windows 10 Version 21H2	affected 10.0.19044.0 10.0.19044.7184 custom	32-bit Systems, ARM64-based Systems,
CNA	Microsoft	Windows 10 Version 22H2	affected 10.0.19045.0 10.0.19045.7184 custom	32-bit Systems, ARM64-based Systems,
CNA	Microsoft	Windows 11 Version 22H3	affected 10.0.22631.0 10.0.22631.6936 custom	ARM64-based Systems
CNA	Microsoft	Windows 11 Version 23H2	affected 10.0.22631.0 10.0.22631.6936 custom	x64-based Systems
CNA	Microsoft	Windows 11 Version 24H2	affected 10.0.26100.0 10.0.26100.8246 custom	ARM64-based Systems, x64-based Syst
CNA	Microsoft	Windows 11 Version 25H2	affected 10.0.26200.0 10.0.26200.8246 custom	ARM64-based Systems, x64-based Syst
CNA	Microsoft	Windows 11 Version 26H1	affected 10.0.28000.0 10.0.28000.1836 custom	ARM64-based Systems, x64-based Syst

References

Reference	Source	Link	Tags
msrc.microsoft.com/update-guide/vulnerability/CVE-2026-27906	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

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.

Free CVE JSON API cve.report/api

CVE.report and Source URL Uptime Status status.cve.report