



# Windows Volume Manager Extension Driver Remote Code Execution Vulnerability

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

## Summary

<b>CVE</b>	CVE-2026-40380
<b>State</b>	PUBLISHED
<b>Assigner</b>	microsoft
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2026-05-12 18:17:16 UTC
<b>Updated</b>	2026-05-13 15:34:52 UTC
<b>Description</b>	Heap-based buffer overflow in Volume Manager Extension Driver allows an authorized attacker to execute code with a phys

## Risk And Classification

**Primary CVSS:** v3.1 6.2 MEDIUM from secure@microsoft.com

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

**Problem Types:** CWE-122 | CWE-125 | CWE-197 | CWE-122 CWE-122: Heap-based Buffer Overflow | CWE-125 CWE-125: Out-of-bounds Read | CWE-197 CWE-197: Numeric Truncation Error

Version	Source	Type	Score	Severity	Vector
3.1	secure@microsoft.com	Primary	6.2	MEDIUM	CVSS:3.1/AV:P/AC:L/PR:H/UI:N/S:U/C:H/I:H/A:H
3.1	CNA	CVSS	6.2	MEDIUM	CVSS:3.1/AV:P/AC:L/PR:H/UI:N/S:U/C:H/I:H/A:H/E:U/RL:O/RC:C

## CVSS v3.1 Breakdown

Attack Vector

Physical

Attack Complexity

Low

Privileges Required

High

User Interaction

None

Scope

Unchanged

Confidentiality

High

Integrity

High

Availability

High

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

### Vendor Declared Affected Products

Source	Vendor	Product	Version	Platform
CNA	Microsoft	Windows 10 Version 1607	affected 10.0.14393.0 10.0.14393.9140 custom	32-bit
CNA	Microsoft	Windows 10 Version 1809	affected 10.0.17763.0 10.0.17763.8755 custom	32-bit
CNA	Microsoft	Windows 10 Version 21H2	affected 10.0.19044.0 10.0.19044.7291 custom	32-bit
CNA	Microsoft	Windows 10 Version 22H2	affected 10.0.19045.0 10.0.19045.7291 custom	32-bit
CNA	Microsoft	Windows 11 Version 22H3	affected 10.0.22631.0 10.0.22631.7079 custom	ARM64
CNA	Microsoft	Windows 11 Version 23H2	affected 10.0.22631.0 10.0.22631.7079 custom	x64-bit
CNA	Microsoft	Windows 11 Version 24H2	affected 10.0.26100.0 10.0.26100.8457 custom	ARM64
CNA	Microsoft	Windows 11 Version 25H2	affected 10.0.26200.0 10.0.26200.8457 custom	ARM64
CNA	Microsoft	Windows 11 Version 26H1	affected 10.0.28000.0 10.0.28000.2113 custom	ARM64
CNA	Microsoft	Windows Server 2012	affected 6.2.9200.0 6.2.9200.26079 custom	x64-bit
CNA	Microsoft	Windows Server 2012 Server Core Installation	affected 6.2.9200.0 6.2.9200.26079 custom	x64-bit
CNA	Microsoft	Windows Server 2012 R2	affected 6.3.9600.0 6.3.9600.23181 custom	x64-bit
CNA	Microsoft	Windows Server 2012 R2 Server Core Installation	affected 6.3.9600.0 6.3.9600.23181 custom	x64-bit
CNA	Microsoft	Windows Server 2016	affected 10.0.14393.0 10.0.14393.9140 custom	x64-bit
CNA	Microsoft	Windows Server 2016 Server Core Installation	affected 10.0.14393.0 10.0.14393.9140 custom	x64-bit
CNA	Microsoft	Windows Server 2019	affected 10.0.17763.0 10.0.17763.8755 custom	x64-bit
CNA	Microsoft	Windows Server 2019 Server Core Installation	affected 10.0.17763.0 10.0.17763.8755 custom	x64-bit
CNA	Microsoft	Windows Server 2022	affected 10.0.20348.0 10.0.20348.5139 custom	x64-bit
CNA	Microsoft	Windows Server 2022 23H2 Edition Server Core Installation	affected 10.0.25398.0 10.0.25398.2330 custom	x64-bit
CNA	Microsoft	Windows Server 2025	affected 10.0.26100.0 10.0.26100.32860 custom	x64-bit
CNA	Microsoft	Windows Server 2025 Server Core Installation	affected 10.0.26100.0 10.0.26100.32860 custom	x64-bit

### References

Reference	Source	Link	Tags
msrc.microsoft.com/update-guide/vulnerability/CVE-2026-40380	secure@microsoft.com	<a href="https://msrc.microsoft.com">msrc.microsoft.com</a>	
CVE Program record	CVE.ORG	<a href="https://www.cve.org">www.cve.org</a>	canonical
NVD vulnerability detail	NVD	<a href="https://nvd.nist.gov">nvd.nist.gov</a>	canonical, analysis

No vendor comments have been submitted for this CVE.

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

© [CVE.report](#) 2026 |

Use of this information constitutes acceptance for use in an AS IS condition. There are NO warranties, implied or otherwise, with regard to this information or its use. Any use of this information is at the user's risk. It is the responsibility of user to evaluate the accuracy, completeness or usefulness of any information, opinion, advice or other content. EACH USER WILL BE SOLELY RESPONSIBLE FOR ANY consequences of his or her direct or indirect use of this web site. ALL WARRANTIES OF ANY KIND ARE EXPRESSLY DISCLAIMED. This site will NOT BE LIABLE FOR ANY DIRECT, INDIRECT or any other kind of loss.

CVE, CWE, and OVAL are registered trademarks of [The MITRE Corporation](#) and the authoritative source of CVE content is [MITRE's CVE web site](#). This site includes MITRE data granted under the following [license](#).

**Free CVE JSON API** [cve.report/api](#)

**CVE.report and Source URL Uptime Status** [status.cve.report](#)