



Microsoft Office Remote Code Execution Vulnerability

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

Summary

CVE	CVE-2026-42831
State	PUBLISHED
Assigner	microsoft
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-05-12 18:17:25 UTC
Updated	2026-05-12 18:17:25 UTC
Description	Heap-based buffer overflow in Microsoft Office allows an unauthorized attacker to execute code locally.

Risk And Classification

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

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

Problem Types: CWE-122 | CWE-122 CWE-122: Heap-based Buffer Overflow

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

CVSS v3.1 Breakdown

Attack Vector

Local

Attack Complexity

Low

Privileges Required

None

User Interaction

Required

Scope

Unchanged

Confidentiality

High

Integrity

High

Availability

High

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

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Microsoft	Microsoft Office For Android	affected 16.0.1 16.0.19822.20190 custom	Not specified
CNA	Microsoft	Microsoft Office LTSC For Mac 2021	affected 16.0.1 16.109.26051019 custom	Not specified
CNA	Microsoft	Microsoft Office LTSC For Mac 2024	affected 16.0.0 16.109.26051019 custom	Not specified

References

Reference	Source	Link	Tags
msrc.microsoft.com/update-guide/vulnerability/CVE-2026-42831	secure@microsoft.com	msrc.microsoft.com	
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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