



GitHub Copilot and Visual Studio Code Information Disclosure Vulnerability

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

Summary

CVE	CVE-2026-23653
State	PUBLISHED
Assigner	microsoft
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-04-14 18:16:44 UTC
Updated	2026-04-17 15:10:35 UTC
Description	Improper neutralization of special elements used in a command ('command injection') in GitHub Copilot and Visual Studio C

Risk And Classification

Primary CVSS: v3.1 5.7 MEDIUM from secure@microsoft.com

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

EPSS: 0.000830000 probability, percentile 0.242140000 (date 2026-04-21)

Problem Types: CWE-77 | CWE-77 CWE-77: Improper Neutralization of Special Elements used in a Command ('Command Injection')

Version	Source	Type	Score	Severity	Vector
3.1	secure@microsoft.com	Primary	5.7	MEDIUM	CVSS:3.1/AV:N/AC:L/PR:L/UI:R/S:U/C:H/I:N/A:N
3.1	CNA	CVSS	5.7	MEDIUM	CVSS:3.1/AV:N/AC:L/PR:L/UI:R/S:U/C:H/I:N/A:N/E:U/RL:O/RC:C

CVSS v3.1 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

Low

User Interaction

Required

Scope

Unchanged

Confidentiality

High

Integrity

None

Availability

None

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

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Microsoft	Microsoft Visual Studio Code CoPilot Chat Extension	affected 0.27.0 0.37.3 custom	Not specified

References

Reference	Source	Link	Tags
msrc.microsoft.com/update-guide/vulnerability/CVE-2026-23653	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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