



jq: Integer overflow in jvp_string_append() allows Heap-based Buffer Overflow

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

Summary

CVE	CVE-2026-32316
State	PUBLISHED
Assigner	GitHub_M
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-04-13 18:16:29 UTC
Updated	2026-04-17 15:38:09 UTC
Description	jq is a command-line JSON processor. An integer overflow vulnerability exists through version 1.8.1 within the jvp_string_ap

Risk And Classification

Primary CVSS: v3.1 8.2 HIGH from security-advisories@github.com

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

EPSS: 0.000400000 probability, percentile 0.120020000 (date 2026-04-18)

Problem Types: CWE-122 | CWE-190 | CWE-122 CWE-122: Heap-based Buffer Overflow | CWE-190 CWE-190: Integer Overflow or Wraparound

Version	Source	Type	Score	Severity	Vector
3.1	security-advisories@github.com	Secondary	8.2	HIGH	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:L/A:H
3.1	CNA	DECLARED	8.2	HIGH	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:L/A:H

CVSS v3.1 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

None

Integrity

Low

Availability

High

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

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Jqlang	Jq	affected < e47e56d226519635768e6aab2f38f0ab037c09e5	Not specified

References

Reference	Source	Link	Tags
github.com/jqlang/jq/security/advisories/GHSA-q3h9-m34w-h76f	security-advisories@github.com	github.com	
github.com/jqlang/jq/commit/e47e56d226519635768e6aab2f38f0ab037c09e5	security-advisories@github.com	github.com	
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, a

No vendor comments have been submitted for this CVE.

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

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