



jq: Algorithmic complexity DoS via hardcoded MurmurHash3 seed

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

Summary

CVE	CVE-2026-40164
State	PUBLISHED
Assigner	GitHub_M
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-04-14 00:16:07 UTC
Updated	2026-04-14 00:16:07 UTC
Description	jq is a command-line JSON processor. Before commit 0c7d133c3c7e37c00b6d46b658a02244fdd3c784, jq used MurmurHa

Risk And Classification

Primary CVSS: v3.1 7.5 HIGH from security-advisories@github.com

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

Problem Types: CWE-328 | CWE-407 | CWE-328 CWE-328: Use of Weak Hash | CWE-407
CWE-407: Inefficient Algorithmic Complexity

Version	Source	Type	Score	Severity	Vector
3.1	security-advisories@github.com	Secondary	7.5	HIGH	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:N/A:H
3.1	CNA	DECLARED	7.5	HIGH	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:N/A:H

CVSS v3.1 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

None

Integrity

None

Availability

High

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

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Jqlang	Jq	affected < 0c7d133c3c7e37c00b6d46b658a02244fdd3c784	Not specified

References

Reference	Source	Link	Tags
github.com/jqlang/jq/security/advisories/GHSA-wwj8-gxm6-jc29	security-advisories@github.com	github.com	
github.com/jqlang/jq/commit/0c7d133c3c7e37c00b6d46b658a02244fdd3c784	security-advisories@github.com	github.com	
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, ...

No vendor comments have been submitted for this CVE.

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

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