



CVE-2016-4074

- MITRE
- NVD
- CVE.ORG
- JSON API
- Print: PDF

Summary

CVE	CVE-2016-4074
State	PUBLISHED
Assigner	mitre
Source Priority	CVE Program / NVD first with legacy fallback
Published	2016-05-06 17:59:07 UTC
Updated	2026-05-06 22:30:45 UTC
Description	The jv_dump_term function in jq 1.5 allows remote attackers to cause a denial of service (stack consumption and applicatio

Risk And Classification

Primary CVSS: v3.1 7.5 HIGH from nvd@nist.gov

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

Problem Types: CWE-770 | n/a

Version	Source	Type	Score	Severity	Vector
3.1	nvd@nist.gov	Primary	7.5	HIGH	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:N/A:H
2.0	nvd@nist.gov	Primary	7.8		AV:N/AC:L/Au:N/C:N/I:N/A:C

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

CVSS v2.0 Breakdown

Access Vector

Network

Access Complexity

Low

Authentication

None

Confidentiality

None

Integrity

None

Availability

Complete

AV:N/AC:L/Au:N/C:N/I:N/A:C

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Jq Project	Jq	All	All	All	All

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Na	N/a	affected n/a	Not specified

References

Reference	Source
oss-security - CVE Request: jq: stack exhaustion using jv_dump_term() function	af854a3a-2127-422b-91ae-364
oss-security - Re: CVE Request: jq: stack exhaustion using jv_dump_term() function	af854a3a-2127-422b-91ae-364
Stack exhaustion parsing a JSON file · Issue #1136 · stedolan/jq · GitHub	af854a3a-2127-422b-91ae-364
GitHub - stedolan/jq: Command-line JSON processor	af854a3a-2127-422b-91ae-364
Vulnerability CVE-2016-4074 on jq · Issue #10263 · hashicorp/consul · GitHub	af854a3a-2127-422b-91ae-364
jq: Fix CVE-2015-8863 and CVE-2016-4074 by aneeshusa · Pull Request #18908 · NixOS/nixpkgs · GitHub	af854a3a-2127-422b-91ae-364
CVE Program record	CVE.ORG
NVD vulnerability detail	NVD

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[500270](#) Alpine Linux Security Update for jq

[504034](#) Alpine Linux Security Update for jq

[900007](#) CBL-Mariner Linux Security Update for jq 1.5

[901282](#) Common Base Linux Mariner (CBL-Mariner) Security Update for jq (6505-1)

[903143](#) Common Base Linux Mariner (CBL-Mariner) Security Update for jq (1971)

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