



# protobufjs: Denial of service from crafted field names in generated code

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

## Summary

|                        |  |
|------------------------|--|
| <b>CVE</b>             | CVE-2026-44294   |
| <b>State</b>           | PUBLISHED  |
| <b>Assigner</b>        | GitHub_M   |
| <b>Source Priority</b> | CVE Program / NVD first with legacy fallback   |
| <b>Published</b>       | 2026-05-13 16:16:56 UTC  |
| <b>Updated</b>         | 2026-05-13 17:01:38 UTC  |
| <b>Description</b>     | protobufjs compiles protobuf definitions into JavaScript (JS) functions. Prior to 7.5.6 and 8.0.2, protobufjs generated JavaSc |

## Risk And Classification

**Primary CVSS:** v3.1 5.3 MEDIUM from security-advisories@github.com

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

**Problem Types:** CWE-20 | CWE-20 CWE-20: Improper Input Validation

| Version | Source                         | Type      | Score | Severity | Vector                                       |
|---------|--------------------------------|-----------|-------|----------|--|
| 3.1     | security-advisories@github.com | Secondary | 5.3   | MEDIUM   | CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:N/A:L |
| 3.1     | CNA                            | DECLARED  | 5.3   | MEDIUM   | CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:N/A:L |

## CVSS v3.1 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

None

Integrity

None

Availability

Low

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

#### Vendor Declared Affected Products

| Source | Vendor     | Product     | Version                    | Platforms     |
|--------|------------|-------------|----------------------------|---------------|
| CNA    | Protobufjs | Protobuf.js | affected < 7.5.6           | Not specified |
| CNA    | Protobufjs | Protobuf.js | affected >= 8.0.0, < 8.0.2 | Not specified |

#### References

| Reference   | Source                         | Link  | Tags          |
|---|--------------------------------|---|---------------|
| github.com/protobufjs/protobuf.js/security/advisories/GHSA-2pr8-phx7-x9h3 | security-advisories@github.com | <a href="https://github.com">github.com</a>     |               |
| CVE Program record  | CVE.ORG                        | <a href="https://www.cve.org">www.cve.org</a>   | canonical     |
| NVD vulnerability detail  | NVD                            | <a href="https://nvd.nist.gov">nvd.nist.gov</a> | canonical, an |

No vendor comments have been submitted for this CVE.

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

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