



# CVE-2017-1000207

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

## Summary

|                 |                                                                                                                           |
|-----------------|---------------------------------------------------------------------------------------------------------------------------|
| CVE             | CVE-2017-1000207                                                                                                          |
| State           | PUBLISHED                                                                                                                 |
| Assigner        | mitre                                                                                                                     |
| Source Priority | CVE Program / NVD first with legacy fallback                                                                              |
| Published       | 2017-11-27 15:29:00 UTC                                                                                                   |
| Updated         | 2025-04-20 01:37:25 UTC                                                                                                   |
| Description     | A vulnerability in Swagger-Parser's version <= 1.0.30 and Swagger codegen version <= 2.2.2 yaml parsing functionality res |

## Risk And Classification

Primary CVSS: v3.0 8.8 HIGH from nvd@nist.gov

CVSS:3.0/AV:N/AC:L/PR:N/UI:R/S:U/C:H/I:H/A:H

EPSS: 0.004230000 probability, percentile 0.622860000 (date 2026-05-14)

Problem Types: CWE-502 | n/a

| Version | Source       | Type    | Score | Severity | Vector                                       |
|---------|--------------|---------|-------|----------|----------------------------------------------|
| 3.0     | nvd@nist.gov | Primary | 8.8   | HIGH     | CVSS:3.0/AV:N/AC:L/PR:N/UI:R/S:U/C:H/I:H/A:H |
| 2.0     | nvd@nist.gov | Primary | 6.8   |          | AV:N/AC:M/Au:N/C:P/I:P/A:P                   |

## CVSS v3.0 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

None

User Interaction

Required

Scope

Unchanged

Confidentiality

High

Integrity

High

High

Availability

High

CVSS:3.0/AV:N/AC:L/PR:N/UI:R/S:U/C:H/I:H/A:H

CVSS v2.0 Breakdown

Access Vector

Network

Access Complexity

Medium

Authentication

None

Confidentiality

Partial

Integrity

Partial

Availability

Partial

AV:N/AC:M/Au:N/C:P/I:P/A:P

NVD Known Affected Configurations (CPE 2.3)

| Type        | Vendor  | Product         | Version | Update | Edition | Language |
|-------------|---------|-----------------|---------|--------|---------|----------|
| Application | Swagger | Swagger-codegen | All     | All    | All     | All      |
| Application | Swagger | Swagger-parser  | 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                 |
|--------------------------------------------------------------------------------------------------------|------------------------|
| Arbitrary code execution via Swagger YAML parser (CVE-2017-1000207 and CVE-2017-1000208) - Blog - LGTM | af854a3a-2127-422b-91a |
| parser change. by m-y-mo · Pull Request #481 · swagger-api/swagger-parser · GitHub                     | af854a3a-2127-422b-91a |
| CVE Program record                                                                                     | CVE.ORG                |
| NVD vulnerability detail                                                                               | NVD                    |

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

980843 Java (maven) Security Update for io.swagger:swagger-codegen (GHSA-vgvf-9jh3-fg75)

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