



# pyasn1 Vulnerable to Denial of Service via Unbounded Recursion

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

## Summary

|                        |   |
|------------------------|---|
| <b>CVE</b>             | CVE-2026-30922  |
| <b>State</b>           | PUBLISHED   |
| <b>Assigner</b>        | GitHub_M  |
| <b>Source Priority</b> | CVE Program / NVD first with legacy fallback  |
| <b>Published</b>       | 2026-03-18 04:17:18 UTC   |
| <b>Updated</b>         | 2026-05-01 17:16:21 UTC   |
| <b>Description</b>     | pyasn1 is a generic ASN.1 library for Python. Prior to 0.6.3, the `pyasn1` library is vulnerable to a Denial of Service (DoS) a |

## 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

**EPSS:** 0.000260000 probability, percentile 0.071560000 (date 2026-05-05)

**Problem Types:** CWE-674 | CWE-674 CWE-674: Uncontrolled Recursion

| 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

### NVD Known Affected Configurations (CPE 2.3)

| Type        | Vendor | Product | Version | Update | Edition | Language |
|-------------|--------|---------|---------|--------|---------|----------|
| Application | Pyasn1 | Pyasn1  | All     | All    | All     | All      |

### Vendor Declared Affected Products

| Source | Vendor | Product | Version          | Platforms     |
|--------|--------|---------|------------------|---------------|
| CNA    | Pyasn1 | Pyasn1  | affected < 0.6.3 | Not specified |

### References

| Reference  | Source                               | Link          |
|--|--------------------------------------|---------------|
| github.com/pyasn1/pyasn1/security/advisories/GHSA-jr27-m4p2-rc6r         | security-advisories@github.com       | github.com    |
| github.com/pyasn1/pyasn1/commit/25ad481c19fdb006e20485ef3fc2e5b3eff30ef0 | security-advisories@github.com       | github.com    |
| lists.debian.org/debian-lts-announce/2026/05/msg00001.html               | af854a3a-2127-422b-91ae-364da2661108 | lists.debian. |
| www.openwall.com/lists/oss-security/2026/03/20/4                         | af854a3a-2127-422b-91ae-364da2661108 | www.openw     |
| CVE Program record   | CVE.ORG                              | www.cve.org   |
| NVD vulnerability detail   | NVD                                  | nvd.nist.gov  |

No vendor comments have been submitted for this CVE.

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

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