



CVE-2025-68463

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF !\[\]\(003082e50e3009141f59bd5df831749f_img.jpg\)](#)

Summary

| | |
|------------------------|---|
| CVE | CVE-2025-68463 |
| State | PUBLISHED |
| Assigner | mitre |
| Source Priority | CVE Program / NVD first with legacy fallback |
| Published | 2025-12-18 06:15:50 UTC |
| Updated | 2026-04-22 17:16:33 UTC |
| Description | Bio.Entrez in Biopython through 186 allows doctype XXE. |

Risk And Classification

Primary CVSS: v3.1 4.9 MEDIUM from cve@mitre.org

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

EPSS: 0.000650000 probability, percentile 0.203090000 (date 2026-04-22)

Problem Types: CWE-611 | CWE-611 CWE-611 Improper Restriction of XML External Entity Reference

| Version | Source | Type | Score | Severity | Vector |
|---------|---------------|-----------|-------|----------|--|
| 3.1 | cve@mitre.org | Secondary | 4.9 | MEDIUM | CVSS:3.1/AV:N/AC:H/PR:L/UI:N/S:C/C:L/I:N/A:L |
| 3.1 | CNA | CVSS | 4.9 | MEDIUM | CVSS:3.1/AV:N/AC:H/PR:L/UI:N/S:C/C:L/I:N/A:L |

CVSS v3.1 Breakdown

Attack Vector

Network

Attack Complexity

High

Privileges Required

Low

User Interaction

None

Scope

Changed

Confidentiality

Low

Integrity

None

Availability

Low

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

Vendor Declared Affected Products

| Source | Vendor | Product | Version | Platforms |
|--------|-----------|-----------|---------------------|---------------|
| CNA | Biopython | Biopython | affected 186 custom | Not specified |

References

| Reference | Source | Link | Tags |
|---|---------------|---|---------------------|
| pypi.org/project/biopython/1.87 | cve@mitre.org | pypi.org | |
| github.com/biopython/biopython/commit/736c96f37b190732ecca9da80ad0cb9d49... | cve@mitre.org | github.com | |
| github.com/biopython/biopython/issues/5109 | cve@mitre.org | github.com | |
| github.com/biopython/biopython/blob/master/NEWS.rst | cve@mitre.org | github.com | |
| CVE Program record | CVE.ORG | www.cve.org | canonical |
| NVD vulnerability detail | NVD | nvd.nist.gov | canonical, analysis |

No vendor comments have been submitted for this CVE.

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

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