



PyJWT accepts unknown `crit` header extensions (RFC 7515 §4.1.11 MUST violation)

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

Summary

CVE	CVE-2026-32597
State	PUBLISHED
Assigner	GitHub_M
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-03-13 19:55:09 UTC
Updated	2026-05-05 18:16:02 UTC
Description	PyJWT is a JSON Web Token implementation in Python. Prior to 2.12.0, PyJWT does not validate the crit (Critical) Header

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:H/A:N

EPSS: 0.000130000 probability, percentile 0.023170000 (date 2026-05-05)

Problem Types: CWE-345 | CWE-863 | CWE-345 CWE-345: Insufficient Verification of Data Authenticity | CWE-863 CWE-863: Incorrect Authorization

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:H/A:N
3.1	CNA	DECLARED	7.5	HIGH	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:H/A:N

CVSS v3.1 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

None

Integrity

High

Availability

None

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

NVD Known Affected Configurations (CPE 2.3)

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

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Jpadilla	Pyjwt	affected < 2.12.0	Not specified

References

Reference	Source	Link	Tags
github.com/jpadilla/pyjwt/security/advisories/GHSA-752w-5fwx-jx9f	134c704f-9b21-4f2e-91b3-4a467353bcc0	github.com	Exploit, M
lists.debian.org/debian-lts-announce/2026/05/msg00008.html	af854a3a-2127-422b-91ae-364da2661108	lists.debian.org	
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical

No vendor comments have been submitted for this CVE.

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

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