



jose vulnerable to untrusted JWK header key acceptance during signature verification

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

Summary

CVE	CVE-2026-34240
State	PUBLISHED
Assigner	GitHub_M
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-03-31 16:16:33 UTC
Updated	2026-04-01 14:24:02 UTC
Description	JOSE is a Javascript Object Signing and Encryption (JOSE) library. Prior to version 0.3.5+1, a vulnerability in jose could allow an attacker to bypass signature verification and accept untrusted JWK headers.

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: 0.000120000 probability, percentile 0.016880000 (date 2026-04-01)

Problem Types: CWE-347 | CWE-347 CWE-347: Improper Verification of Cryptographic Signature

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

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Appsup-dart	Jose	affected < 0.3.5+1	Not specified

References

Reference	Source	Link	Tags
github.com/appsup-dart/jose/security/advisories/GHSA-vm9r-h74p-hg97	security-advisories@github.com	github.com	
github.com/appsup-dart/jose/commit/b07799aac1f56a9a21483feac026272aab30cc5d	security-advisories@github.com	github.com	
CVE Program record	CVE.ORG	www.cve.org	car
NVD vulnerability detail	NVD	nvd.nist.gov	car

No vendor comments have been submitted for this CVE.

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

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