



openCryptoki: Memory safety vulnerabilities in BER/DER decoders in asn1.c

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

Summary

CVE	CVE-2026-40253
State	PUBLISHED
Assigner	GitHub_M
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-04-16 23:16:33 UTC
Updated	2026-04-16 23:16:33 UTC
Description	openCryptoki is a PKCS#11 library and provides tooling for Linux and AIX. In versions 3.26.0 and below, the BER/DER dec

Risk And Classification

Primary CVSS: v3.1 6.8 MEDIUM from security-advisories@github.com

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

Problem Types: CWE-125 | CWE-125 CWE-125: Out-of-bounds Read

Version	Source	Type	Score	Severity	Vector
3.1	security-advisories@github.com	Secondary	6.8	MEDIUM	CVSS:3.1/AV:L/AC:L/PR:N/UI:N/S:U/C:L/I:N/A:H
3.1	CNA	DECLARED	6.8	MEDIUM	CVSS:3.1/AV:L/AC:L/PR:N/UI:N/S:U/C:L/I:N/A:H

CVSS v3.1 Breakdown

Attack Vector

Local

Attack Complexity

Low

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

Low

Integrity

None

Availability

High

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

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Opencryptoki	Opencryptoki	affected <= 3.26.0	Not specified

References

Reference	Source	Link	Tags
github.com/opencryptoki/opencryptoki/commit/ed378f463ef73364c89feb0fc923...	security-advisories@github.com	github.com	
github.com/opencryptoki/opencryptoki/security/advisories/GHSA-c9cf-6vr4-...	security-advisories@github.com	github.com	
CVE Program record	CVE.ORG	www.cve.org	canonic
NVD vulnerability detail	NVD	nvd.nist.gov	canonic

No vendor comments have been submitted for this CVE.

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

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