



CVE-2026-37539

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

Summary

CVE	CVE-2026-37539
State	PUBLISHED
Assigner	mitre
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-05-01 17:16:23 UTC
Updated	2026-05-05 20:24:04 UTC
Description	Buffer overflow vulnerability in cannelloni v2.0.0 in CAN frame parsing in parser.cpp in function parseCANFrame, and deco

Risk And Classification

Primary CVSS: v3.1 9.8 CRITICAL from cve@mitre.org

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

EPSS: 0.002510000 probability, percentile 0.483140000 (date 2026-05-05)

Problem Types: CWE-121 | n/a | CWE-121 CWE-121 Stack-based Buffer Overflow

Version	Source	Type	Score	Severity	Vector
3.1	cve@mitre.org	Secondary	9.8	CRITICAL	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H
3.1	CNA	DECLARED	9.8	CRITICAL	CVSS:3.1/AC:L/AV:N/A:H/C:H/I:H/PR:N/S:U/UI:N

CVSS v3.1 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

High

Integrity

High

High

Availability

High

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

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Na	N/a	affected n/a	Not specified

References

Reference	Source	Link	Tags
gist.github.com/sglInnora/f4ac66faee07a653ceeb3f58cdc381	cve@mitre.org	gist.github.com	
github.com/mguentner/cannelloni	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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