



Zen-C has Stack-Based Buffer Overflow in Identifier Mangling

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

Summary

CVE	CVE-2026-33491
State	PUBLISHED
Assigner	GitHub_M
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-03-26 19:17:04 UTC
Updated	2026-03-30 13:26:50 UTC
Description	Zen C is a systems programming language that compiles to human-readable GNU C/C11. Prior to version 0.4.4, a stack-ba

Risk And Classification

Primary CVSS: v3.1 7.8 HIGH from security-advisories@github.com

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

EPSS: 0.000160000 probability, percentile 0.036520000 (date 2026-04-01)

Problem Types: CWE-121 | CWE-787 | CWE-121 CWE-121: Stack-based Buffer Overflow | CWE-787 CWE-787: Out-of-bounds Write

Version	Source	Type	Score	Severity	Vector
3.1	security-advisories@github.com	Secondary	7.8	HIGH	CVSS:3.1/AV:L/AC:L/PR:N/UI:R/S:U/C:H/I:H/A:H
3.1	CNA	DECLARED	7.8	HIGH	CVSS:3.1/AV:L/AC:L/PR:N/UI:R/S:U/C:H/I:H/A:H

CVSS v3.1 Breakdown

Attack Vector

Local

Attack Complexity

Low

Privileges Required

None

User Interaction

Required

Scope

Unchanged

Confidentiality

High

Integrity

High

Availability

High

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

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Zenc-lang	Zenc	affected < 0.4.4	Not specified

References

Reference	Source	Link	Tags
github.com/zenc-lang/zenc/security/advisories/GHSA-rv74-w6q7-h8xr	security-advisories@github.com	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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