



# Zen-C Vulnerable to Command Injection via Malicious Output Filename

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

## Summary

<b>CVE</b>	CVE-2026-28207
<b>State</b>	PUBLISHED
<b>Assigner</b>	GitHub_M
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2026-02-26 23:16:35 UTC
<b>Updated</b>	2026-05-01 14:38:16 UTC
<b>Description</b>	Zen C is a systems programming language that compiles to human-readable GNU C/C11. Prior to version 0.4.2, a comma

## Risk And Classification

**Primary CVSS:** v3.1 7.3 HIGH from nvd@nist.gov

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

**EPSS:** 0.000150000 probability, percentile 0.032510000 (date 2026-05-05)

**Problem Types:** CWE-78 | CWE-78 CWE-78: Improper Neutralization of Special Elements used in an OS Command ('OS Command Injection')

Version	Source	Type	Score	Severity	Vector
3.1	nvd@nist.gov	Primary	7.3	HIGH	CVSS:3.1/AV:L/AC:L/PR:L/UI:R/S:U/C:H/I:H/A:H
3.1	security-advisories@github.com	Secondary	6.6	MEDIUM	CVSS:3.1/AV:L/AC:L/PR:N/UI:R/S:U/C:L/I:H/A:L
3.1	CNA	DECLARED	6.6	MEDIUM	CVSS:3.1/AV:L/AC:L/PR:N/UI:R/S:U/C:L/I:H/A:L

## CVSS v3.1 Breakdown

Attack Vector

Local

Attack Complexity

Low

Privileges Required

Low

User Interaction

Required

Scope

Unchanged

Confidentiality

High

Integrity

High

Availability

High

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

### NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Zenc-lang	Zen C	All	All	All	All

### Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Z-libs	Zen-C	affected < 0.4.2	Not specified

### References

Reference	Source	Link
f0nduesav0yarde.github.io/blog/vulnerabilities/cve-2026-28207	af854a3a-2127-422b-91ae-364da2661108	<a href="https://f0nduesav0yarde.github.io">f0nduesav0yarde.github.io</a>
github.com/z-libs/Zen-C/security/advisories/GHSA-9rff-x96h-76h2	134c704f-9b21-4f2e-91b3-4a467353bcc0	<a href="https://github.com">github.com</a>
CVE Program record	CVE.ORG	<a href="https://www.cve.org">www.cve.org</a>
NVD vulnerability detail	NVD	<a href="https://nvd.nist.gov">nvd.nist.gov</a>

No vendor comments have been submitted for this CVE.

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

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