



# ZEBRA: Allocation Amplification in Inbound Network Deserializers

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

## Summary

<b>CVE</b>	CVE-2026-44500
<b>State</b>	PUBLISHED
<b>Assigner</b>	GitHub_M
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2026-05-08 15:17:01 UTC
<b>Updated</b>	2026-05-08 18:01:52 UTC
<b>Description</b>	ZEBRA is a Zcash node written entirely in Rust. Prior to zebra version 4.4.0, prior to zebra-chain version 7.0.0, and prior to

## Risk And Classification

**Primary CVSS:** v3.1 5.3 MEDIUM from security-advisories@github.com

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

**EPSS:** 0.000470000 probability, percentile 0.144620000 (date 2026-05-11)

**Problem Types:** CWE-770 | CWE-770 CWE-770: Allocation of Resources Without Limits or Throttling

Version	Source	Type	Score	Severity	Vector
3.1	security-advisories@github.com	Secondary	5.3	MEDIUM	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:N/A:L
3.1	CNA	DECLARED	5.3	MEDIUM	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:N/A:L

## CVSS v3.1 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

None

Integrity

None

Availability

Low

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

### NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Zfnd	Zebra-chain	All	All	All	All
Application	Zfnd	Zebra-network	All	All	All	All
Application	Zfnd	Zebrad	All	All	All	All

### Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	ZcashFoundation	Zebra	affected zebrad < 4.4.0	Not specified
CNA	ZcashFoundation	Zebra	affected zebra-chain < 7.0.0	Not specified
CNA	ZcashFoundation	Zebra	affected zebra-network < 6.0.0	Not specified

### References

Reference	Source	Link	Tags
github.com/ZcashFoundation/zebra/security/advisories/GHSA-438q-jx8f-ccc	security-advisories@github.com	github.com	Exploit, Ven
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, 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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