



# openFPGALoader has a heap buffer overflow in POFParse::parseSection() via crafted .pof file

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

## Summary

<b>CVE</b>	CVE-2026-35176
<b>State</b>	PUBLISHED
<b>Assigner</b>	GitHub_M
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2026-04-06 20:16:25 UTC
<b>Updated</b>	2026-04-28 17:04:24 UTC
<b>Description</b>	openFPGALoader is a utility for programming FPGAs. In 1.1.1 and earlier, a heap-buffer-overflow read vulnerability exists in

## Risk And Classification

**Primary CVSS:** v3.1 7.1 HIGH from security-advisories@github.com

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

**EPSS:** 0.000130000 probability, percentile 0.021490000 (date 2026-04-07)

**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	7.1	HIGH	CVSS:3.1/AV:L/AC:L/PR:N/UI:R/S:U/C:H/I:N/A:H
3.1	CNA	DECLARED	7.1	HIGH	CVSS:3.1/AV:L/AC:L/PR:N/UI:R/S:U/C:H/I:N/A:H

## CVSS v3.1 Breakdown

Attack Vector

Local

Attack Complexity

Low

Privileges Required

None

User Interaction

Required

Scope

Unchanged

Confidentiality

High

Integrity

None

Availability

High

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

#### NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Trabucayre	Openfpgaloader	All	All	All	All

#### Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Trabucayre	OpenFPGALoader	affected <= 1.1.1	Not specified

#### References

Reference	Source	Link
github.com/trabucayre/openFPGALoader/security/advisories/GHSA-9x7m-m8gv-...	134c704f-9b21-4f2e-91b3-4a467353bcc0	github.com
CVE Program record	CVE.ORG	www.cve.org
NVD vulnerability detail	NVD	nvd.nist.gov

No vendor comments have been submitted for this CVE.

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

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