



CVE-2026-37540

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

Summary

CVE	CVE-2026-37540
State	PUBLISHED
Assigner	mitre
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-05-01 17:16:23 UTC
Updated	2026-05-01 18:16:15 UTC
Description	OpenAMP v2025.10.0 ELF loader contains an integer overflow vulnerability in firmware image parsing. In elf_loader.c, it pe

Risk And Classification

Primary CVSS: v3.1 8.4 HIGH from cve@mitre.org

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

Problem Types: CWE-190 | n/a | CWE-190 CWE-190 Integer Overflow or Wraparound

Version	Source	Type	Score	Severity	Vector
3.1	cve@mitre.org	Secondary	8.4	HIGH	CVSS:3.1/AV:L/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H
3.1	CNA	DECLARED	8.4	HIGH	CVSS:3.1/AC:L/AV:L/A:H/C:H/I:H/PR:N/S:U/UI:N

CVSS v3.1 Breakdown

Attack Vector

Local

Attack Complexity

Low

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

High

Integrity

High

Availability

High

CVSS:3.1/AV:L/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
github.com/OpenAMP/open-amp	cve@mitre.org	github.com	
github.com/OpenAMP/open-amp/blob/main/lib/remoteproc/elf_loader.c	cve@mitre.org	github.com	
gist.github.com/sglInnora/f4ac66faee07a653ceeb3f58cdc381	cve@mitre.org	gist.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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