



CVE-2026-20889

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Summary

CVE	CVE-2026-20889
State	PUBLISHED
Assigner	talos
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-04-07 15:17:35 UTC
Updated	2026-04-07 17:16:26 UTC
Description	A heap-based buffer overflow vulnerability exists in the x3f_thumb_loader functionality of LibRaw Commit d20315b. A speci

Risk And Classification

Primary CVSS: v3.1 9.8 CRITICAL from talos-cna@cisco.com

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

Problem Types: CWE-190 | CWE-190 CWE-190: Integer Overflow or Wraparound

Version	Source	Type	Score	Severity	Vector
3.1	talos-cna@cisco.com	Secondary	9.8	CRITICAL	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H
3.1	CNA	DECLARED	9.8	CRITICAL	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H

CVSS v3.1 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

High

Integrity

High

Availability

High

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

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	LibRaw	LibRaw	affected Commit d20315b	Not specified

References

Reference	Source	Link
www.talosintelligence.com/vulnerability_reports/TALOS-2026-2358	af854a3a-2127-422b-91ae-364da2661108	www.talosintelligence.com
talosintelligence.com/vulnerability_reports/TALOS-2026-2358	talos-cna@cisco.com	talosintelligence.com
CVE Program record	CVE.ORG	www.cve.org
NVD vulnerability detail	NVD	nvd.nist.gov

Vendor Comments And Credit

Discovery Credit

CNA: Discovered by Francesco Benvenuto of Cisco Talos. (en)

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

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