



CVE-2020-13790

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

Summary

CVE	CVE-2020-13790
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2020-06-03 19:15:00 UTC
Updated	2023-11-07 03:16:00 UTC
Description	libjpeg-turbo 2.0.4, and mozjpeg 4.0.0, has a heap-based buffer over-read in get_rgb_row() in rdppm.c via a malformed PPM

Risk And Classification

Problem Types: CWE-125

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Libjpeg-turbo	Libjpeg-turbo	2.0.4	All	All	All
Application	Libjpeg-turbo	Libjpeg-turbo	2.0.4	All	All	All
Application	Mozilla	Mozjpeg	4.0.0	All	All	All
Application	Mozilla	Mozjpeg	4.0.0	All	All	All

References

Reference	Source	Link
rdppm.c: Fix buf overrun caused by bad binary PPM · libjpeg-turbo/libjpeg-turbo@3de15e0 · GitHub	MISC	github.com
Heap-based buffer over-read in get_rgb_row() in rdppm.c · Issue #433 · libjpeg-turbo/libjpeg-turbo · GitHub	MISC	github.com
[SECURITY] Fedora 32 Update: libjpeg-turbo-2.0.4-3.fc32 - package-announce - Fedora Mailing-Lists		lists.fedoraproject.org
USN-4386-1: libjpeg-turbo vulnerability Ubuntu security notices Ubuntu	UBUNTU	usn.ubuntu.com
[SECURITY] [DLA 2302-1] libjpeg-turbo security update	MLIST	lists.debian.org
[SECURITY] Fedora 32 Update: mingw-libjpeg-turbo-2.0.4-3.fc32 - package-announce - Fedora Mailing-Lists		lists.fedoraproject.org
[SECURITY] Fedora 32 Update: mingw-libjpeg-turbo-2.0.4-3.fc32 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.org
[SECURITY] Fedora 32 Update: libjpeg-turbo-2.0.4-3.fc32 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.org
[security-announce] openSUSE-SU-2020:1413-1: moderate: Security update f	SUSE	lists.opensuse.org
[security-announce] openSUSE-SU-2020:1458-1: moderate: Security update f	SUSE	lists.opensuse.org

libjpeg-turbo: Information disclosure (GLSA 202010-03) — Gentoo security	GENTOO	security.gentoo.c
CVE Program record	CVE.ORG	www.cve.org
NVD vulnerability detail	NVD	nvd.nist.gov

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[500305](#) Alpine Linux Security Update for libjpeg-turbo

[504072](#) Alpine Linux Security Update for libjpeg-turbo

[690420](#) Free Berkeley Software Distribution (FreeBSD) Security Update for libjpeg-turbo (23a667c7-0b28-11eb-8834-00155d01f202)

[690427](#) Free Berkeley Software Distribution (FreeBSD) Security Update for mozjpeg (040707f9-0b2a-11eb-8834-00155d01f202)

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