



CVE-2020-16305

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

Summary

CVE	CVE-2020-16305
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2020-08-13 03:15:00 UTC
Updated	2023-11-07 03:18:00 UTC
Description	A buffer overflow vulnerability in pcx_write_rle() in contrib/japanese/gdev10v.c of Artifex Software GhostScript v9.50 allows

Risk And Classification

Problem Types: CWE-787

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Artifex	Ghostscript	9.50	All	All	All
Application	Artifex	Ghostscript	9.50	All	All	All
Operating System	Canonical	Ubuntu Linux	16.04	All	All	All
Operating System	Canonical	Ubuntu Linux	18.04	All	All	All
Operating System	Canonical	Ubuntu Linux	20.04	All	All	All
Operating System	Debian	Debian Linux	10.0	All	All	All
Operating System	Debian	Debian Linux	9.0	All	All	All

References

Reference	Source	Link	Tags
[SECURITY] [DLA 2335-1] ghostscript security update	MLIST	lists.debian.org	
701819 – heap-buffer-overflow at devices/gdevpcx.c:445 in pcx_write_rle	MISC	bugs.ghostscript.com	Exploit, Issue Tracking
git.ghostscript.com Git - ghostpdl.git/commitdiff	MISC	git.ghostscript.com	Patch, Vendor Advisory
GPL Ghostscript: Multiple vulnerabilities (GLSA 202008-20) — Gentoo security	GENTOO	security.gentoo.org	
Debian -- Security Information -- DSA-4748-1 ghostscript	DEBIAN	www.debian.org	
git.ghostscript.com Git - ghostpdl.git/commitdiff		git.ghostscript.com	
USN-4469-1: Ghostscript vulnerabilities Ubuntu security notices Ubuntu	UBUNTU	usn.ubuntu.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.

Legacy QID Mappings

[159222](#) Oracle Enterprise Linux Security Update for ghostscript (ELSA-2021-1852)

[239294](#) Red Hat Update for ghostscript (RHSA-2021:1852)

[356141](#) Amazon Linux Security Advisory for ghostscript : ALAS2-2023-2261

[356364](#) Amazon Linux Security Advisory for ghostscript : ALAS-2023-1854

[356975](#) Amazon Linux Security Advisory for ghostscript : AL2012-2023-459

[501409](#) Alpine Linux Security Update for ghostscript

[503958](#) Alpine Linux Security Update for ghostscript

[940105](#) AlmaLinux Security Update for ghostscript (ALSA-2021:1852)

[960364](#) Rocky Linux Security Update for ghostscript (RLSA-2021:1852)

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