



CVE-2023-28879

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Summary

CVE	CVE-2023-28879
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2023-03-31 17:15:00 UTC
Updated	2023-11-07 04:10:00 UTC
Description	In Artifex Ghostscript through 10.01.0, there is a buffer overflow leading to potential corruption of data internal to the PostSc

Risk And Classification

Problem Types: CWE-787

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Artifex	Ghostscript	All	All	All	All
Operating System	Debian	Debian Linux	10.0	All	All	All
Operating System	Debian	Debian Linux	11.0	All	All	All

References

Reference	Source	Link
[SECURITY] Fedora 37 Update: ghostscript-9.56.1-7.fc37 - package-announce - Fedora Mailing-Lists		lists.fedoraproject.org
[SECURITY] Fedora 38 Update: ghostscript-10.01.0-3.fc38 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.org
[SECURITY] [DLA 3381-1] ghostscript security update	MLIST	lists.debian.org
[SECURITY] Fedora 36 Update: ghostscript-9.56.1-7.fc36 - package-announce - Fedora Mailing-Lists		lists.fedoraproject.org
Bug Access Denied	MISC	bugs.ghostscript.com
git.ghostscript.com Git - ghostpd.git/commit	MISC	git.ghostscript.com
News — Ghostscript 10.02.0 documentation	MISC	ghostscript.readthedocs.org
[SECURITY] Fedora 36 Update: ghostscript-9.56.1-7.fc36 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.org
oss-security - Ghostscript CVE-2023-28879: "Shell in the Ghost"	MLIST	www.openwall.com
[SECURITY] Fedora 38 Update: ghostscript-10.01.0-3.fc38 - package-announce - Fedora Mailing-Lists		lists.fedoraproject.org
GPL Ghostscript: Multiple Vulnerabilities (GLSA 202309-03) — Gentoo security	GENTOO	security.gentoo.org

[SECURITY] Fedora 37 Update: ghostscript-9.56.1-7.fc37 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.org
Debian -- Security Information -- DSA-5383-1 ghostscript	DEBIAN	www.debian.org
git.ghostscript.com Git - ghostpd.git/commit		git.ghostscript.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.

Legacy QID Mappings

161100 Oracle Enterprise Linux Security Update for ghostscript (ELSA-2023-6544)
161137 Oracle Enterprise Linux Security Update for ghostscript (ELSA-2023-7053)
181694 Debian Security Update for ghostscript (DLA 3381-1)
181699 Debian Security Update for ghostscript (DSA 5383-1)
184696 Debian Security Update for ghostscript (CVE-2023-28879)
199285 Ubuntu Security Notification for Ghostscript Vulnerability (USN-6017-1)
199311 Ubuntu Security Notification for Ghostscript Vulnerability (USN-6017-2)
242317 Red Hat Update for ghostscript (RHSA-2023:6544)
242407 Red Hat Update for ghostscript (RHSA-2023:7053)
283869 Fedora Security Update for ghostscript (FEDORA-2023-f51bc947bb)
283891 Fedora Security Update for ghostscript (FEDORA-2023-366850fc87)
284195 Fedora Security Update for ghostscript (FEDORA-2023-fbf86d8916)
354919 Amazon Linux Security Advisory for ghostscript : ALAS2-2023-2019
354930 Amazon Linux Security Advisory for ghostscript : ALAS-2023-1734
355128 Amazon Linux Security Advisory for ghostscript : ALAS2023-2023-162
355381 Amazon Linux Security Advisory for ghostscript : AL2012-2023-410
502704 Alpine Linux Security Update for ghostscript
502705 Alpine Linux Security Update for ghostscript
502706 Alpine Linux Security Update for ghostscript
502723 Alpine Linux Security Update for ghostscript
672937 EulerOS Security Update for ghostscript (EulerOS-SA-2023-1820)

672962 EulerOS Security Update for ghostscript (EulerOS-SA-2023-1802)
673190 EulerOS Security Update for ghostscript (EulerOS-SA-2023-2311)
673203 EulerOS Security Update for ghostscript (EulerOS-SA-2023-2331)
673715 EulerOS Security Update for ghostscript (EulerOS-SA-2023-3126)
673975 EulerOS Security Update for ghostscript (EulerOS-SA-2024-1138)
691137 Free Berkeley Software Distribution (FreeBSD) Security Update for ghostscript (25872b25-da2d-11ed-b715-a1e76793953b)
710748 Gentoo Linux GPL Ghostscript Multiple Vulnerabilities (GLSA 202309-03)
753899 SUSE Enterprise Linux Security Update for ghostscript (SUSE-SU-2023:1799-1)
753900 SUSE Enterprise Linux Security Update for ghostscript (SUSE-SU-2023:1797-1)
941375 AlmaLinux Security Update for ghostscript (ALSA-2023:6544)
941434 AlmaLinux Security Update for ghostscript (ALSA-2023:7053)

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