



CVE-2019-6978

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Summary

CVE	CVE-2019-6978
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2019-01-28 08:29:00 UTC
Updated	2023-11-07 03:13:00 UTC
Description	The GD Graphics Library (aka LibGD) 2.2.5 has a double free in the gdImage*Ptr() functions in gd_gif_out.c, gd_jpeg.c, and

Risk And Classification

Problem Types: CWE-415

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Canonical	Ubuntu Linux	14.04	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	18.10	All	All	All
Operating System	Canonical	Ubuntu Linux	14.04	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	18.10	All	All	All
Operating System	Debian	Debian Linux	8.0	All	All	All
Operating System	Debian	Debian Linux	9.0	All	All	All
Operating System	Debian	Debian Linux	8.0	All	All	All
Operating System	Debian	Debian Linux	9.0	All	All	All
Application	Libgd	Libgd	2.2.5	All	All	All
Application	Libgd	Libgd	2.2.5	All	All	All

References

Reference	Source	Link	Tags
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Debian -- Security Information -- DSA-4384-1 libgd2	DEBIAN	www.debian.org	Third
[SECURITY] Fedora 31 Update: gd-2.2.5-10.fc31 - package-announce - Fedora Mailing-Lists		lists.fedoraproject.org	
[SECURITY] Fedora 32 Update: gd-2.3.0-1.fc32 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.org	
[security-announce] openSUSE-SU-2019:1140-1: moderate: Security update f	SUSE	lists.opensuse.org	
GD: Multiple vulnerabilities (GLSA 201903-18) — Gentoo security	GENTOO	security.gentoo.org	Third
[SECURITY] Fedora 30 Update: gd-2.2.5-9.fc30 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.org	
Red Hat Customer Portal	REDHAT	access.redhat.com	
Fix #492: Potential double-free in gdImage*Ptr() · libgd/libgd@5537029 · GitHub	MISC	github.com	Patch
Update gdImage*Ptr() functions for possible Double free bugs · Issue #492 · libgd/libgd · GitHub	MISC	github.com	Patch
USN-3900-1: GD vulnerabilities Ubuntu security notices Ubuntu	UBUNTU	usn.ubuntu.com	Third
[SECURITY] Fedora 29 Update: gd-2.2.5-8.fc29 - package-announce - Fedora Mailing-Lists		lists.fedoraproject.org	
[SECURITY] Fedora 30 Update: gd-2.2.5-9.fc30 - package-announce - Fedora Mailing-Lists		lists.fedoraproject.org	
Sync with upstream · php/php-src@089f7c0 · GitHub	MISC	github.com	Patch
[SECURITY] Fedora 31 Update: gd-2.2.5-10.fc31 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.org	
[SECURITY] Fedora 32 Update: gd-2.3.0-1.fc32 - package-announce - Fedora Mailing-Lists		lists.fedoraproject.org	
[security-announce] openSUSE-SU-2019:1148-1: moderate: Security update f	SUSE	lists.opensuse.org	
[SECURITY] Fedora 29 Update: gd-2.2.5-8.fc29 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.org	
[SECURITY] [DLA 1651-1] libgd2 security update	MLIST	lists.debian.org	Mailin
CVE Program record	CVE.ORG	www.cve.org	canon
NVD vulnerability detail	NVD	nvd.nist.gov	canon

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[296078](#) Oracle Solaris 11.4 Support Repository Update (SRU) 16.4.0 Missing (CPUOCT2019)

[377382](#) Alibaba Cloud Linux Security Update for gd (ALINUX3-SA-2022:0054)

[377395](#) Alibaba Cloud Linux Security Update for libwmf (ALINUX3-SA-2022:0059)

[377518](#) Alibaba Cloud Linux Security Update for libwmf (ALINUX2-SA-2020:0135)

[500196](#) Alpine Linux Security Update for gd

[503938](#) Alpine Linux Security Update for gd

[752110](#) SUSE Enterprise Linux Security Update for libwmf (SUSE-SU-2022:1560-1)

[753107](#) SUSE Enterprise Linux Security Update for libwmf (SUSE-SU-2022:1516-1)

[940025](#) AlmaLinux Security Update for gd (ALSA-2020:4659)

[940416](#) AlmaLinux Security Update for libwmf (ALSA-2019:2722)

[960261](#) Rocky Linux Security Update for gd (RLSA-2020:4659)

[960374](#) Rocky Linux Security Update for libwmf (RLSA-2019:2722)

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