



# CVE-2020-16297

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

## Summary

<b>CVE</b>	CVE-2020-16297
<b>State</b>	PUBLIC
<b>Assigner</b>	cve@mitre.org
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2020-08-13 03:15:00 UTC
<b>Updated</b>	2023-11-07 03:18:00 UTC
<b>Description</b>	A buffer overflow vulnerability in FloydSteinbergDitheringC() in contrib/gdevbjca.c of Artifex Software GhostScript v9.50 allo

## Risk And Classification

### Problem Types: CWE-787

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	<a href="#">Artifex</a>	<a href="#">Ghostscript</a>	All	All	All	All
Application	<a href="#">Artifex</a>	<a href="#">Ghostscript</a>	9.50	All	All	All
Application	<a href="#">Artifex</a>	<a href="#">Ghostscript</a>	9.50	All	All	All
Operating System	<a href="#">Canonical</a>	<a href="#">Ubuntu Linux</a>	16.04	All	All	All
Operating System	<a href="#">Canonical</a>	<a href="#">Ubuntu Linux</a>	18.04	All	All	All
Operating System	<a href="#">Canonical</a>	<a href="#">Ubuntu Linux</a>	20.04	All	All	All
Operating System	<a href="#">Debian</a>	<a href="#">Debian Linux</a>	10.0	All	All	All
Operating System	<a href="#">Debian</a>	<a href="#">Debian Linux</a>	9.0	All	All	All

## References

Reference	Source	Link	Tags
<a href="#">git.ghostscript.com Git - ghostpd.git/commitdiff</a>	MISC	<a href="#">git.ghostscript.com</a>	Patch, Vendor A
<a href="#">[SECURITY] [DLA 2335-1] ghostscript security update</a>	MLIST	<a href="#">lists.debian.org</a>	
<a href="#">git.ghostscript.com Git - ghostpd.git/commitdiff</a>		<a href="#">git.ghostscript.com</a>	
<a href="#">GPL Ghostscript: Multiple vulnerabilities (GLSA 202008-20) — Gentoo security</a>	GENTOO	<a href="#">security.gentoo.org</a>	
<a href="#">701800 – heap-buffer-overflow at contrib/gdevbjca.c:758 in FloydSteinbergDitheringC</a>	MISC	<a href="#">bugs.ghostscript.com</a>	Exploit, Issue Tr
<a href="#">Debian -- Security Information -- DSA-4748-1 ghostscript</a>	DEBIAN	<a href="#">www.debian.org</a>	

USN-4469-1: Ghostscript vulnerabilities   Ubuntu security notices   Ubuntu	UBUNTU	<a href="https://usn.ubuntu.com">usn.ubuntu.com</a>	
CVE Program record	CVE.ORG	<a href="https://www.cve.org">www.cve.org</a>	canonical
NVD vulnerability detail	NVD	<a href="https://nvd.nist.gov">nvd.nist.gov</a>	canonical, analy

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)

[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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