



# CVE-2020-16303

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

## Summary

<b>CVE</b>	CVE-2020-16303
<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 use-after-free vulnerability in xps_finish_image_path() in devices/vector/gdevxps.c of Artifex Software GhostScript v9.50

## Risk And Classification

### Problem Types: CWE-416

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
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
701818 – heap-use-after-free at devices/vector/gdevxps.c:1431 in xps_finish_image_path	MISC	<a href="#">bugs.ghostscript.com</a>	Exploit, Issue
[SECURITY] [DLA 2335-1] ghostscript security update	MLIST	<a href="#">lists.debian.org</a>	
git.ghostscript.com Git - ghostpdl.git/commitdiff		<a href="#">git.ghostscript.com</a>	
GPL Ghostscript: Multiple vulnerabilities (GLSA 202008-20) — Gentoo security	GENTOO	<a href="#">security.gentoo.org</a>	
Debian -- Security Information -- DSA-4748-1 ghostscript	DEBIAN	<a href="#">www.debian.org</a>	
USN-4469-1: Ghostscript vulnerabilities   Ubuntu security notices   Ubuntu	UBUNTU	<a href="#">usn.ubuntu.com</a>	
git.ghostscript.com Git - ghostpdl.git/commitdiff	MISC	<a href="#">git.ghostscript.com</a>	Patch, Vendor

CVE Program record	CVE.ORG	<a href="http://www.cve.org">www.cve.org</a>	canonical
NVD vulnerability detail	NVD	<a href="http://nvd.nist.gov">nvd.nist.gov</a>	canonical, a

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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