



CVE-2023-3745

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

Summary

CVE	CVE-2023-3745
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2023-07-24 16:15:00 UTC
Updated	2023-11-07 04:19:00 UTC
Description	A heap-based buffer overflow issue was found in ImageMagick's PushCharPixel() function in quantum-private.h. This issue

Risk And Classification

Problem Types: CWE-787

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Imagemagick	Imagemagick	All	All	All	All

References

Reference	Source	Lin
https://github.com/ImageMagick/ImageMagick/issues/1857 · ImageMagick/ImageMagick@54cdc14 · GitHub	MISC	gith
https://github.com/ImageMagick/ImageMagick/issues/1857 · ImageMagick/ImageMagick@651672f · GitHub	MISC	gith
cve-details	MISC	acc
2223557 – (CVE-2023-3745) CVE-2023-3745 ImageMagick: heap-buffer-overflow in PushCharPixel() in quantum-private.h	MISC	buq
https://github.com/ImageMagick/ImageMagick/issues/1857 · ImageMagick/ImageMagick6@7486477 · GitHub	MISC	gith
heap-buffer-overflow in /MagickCore/quantum-private.h · Issue #1857 · ImageMagick/ImageMagick · GitHub	MISC	gith
https://github.com/ImageMagick/ImageMagick/issues/1857 · ImageMagick/ImageMagick6@b466a96 · GitHub	MISC	gith
CVE Program record	CVE.ORG	ww
NVD vulnerability detail	NVD	nvc

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

355755 Amazon Linux Security Advisory for ImageMagick : ALAS-2023-1791
355787 Amazon Linux Security Advisory for ImageMagick : ALAS2-2023-2178
754285 SUSE Enterprise Linux Security Update for ImageMagick (SUSE-SU-2023:3357-1)

© [CVE.report](#) 2026 |

Use of this information constitutes acceptance for use in an AS IS condition. There are NO warranties, implied or otherwise, with regard to this information or its use. Any use of this information is at the user's risk. It is the responsibility of user to evaluate the accuracy, completeness or usefulness of any information, opinion, advice or other content. EACH USER WILL BE SOLELY RESPONSIBLE FOR ANY consequences of his or her direct or indirect use of this web site. ALL WARRANTIES OF ANY KIND ARE EXPRESSLY DISCLAIMED. This site will NOT BE LIABLE FOR ANY DIRECT, INDIRECT or any other kind of loss.

CVE, CWE, and OVAL are registered trademarks of [The MITRE Corporation](#) and the authoritative source of CVE content is [MITRE's CVE web site](#). This site includes MITRE data granted under the following [license](#).

Free CVE JSON API [cve.report/api](#)

CVE.report and Source URL Uptime Status [status.cve.report](#)