



CVE-2021-20224

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

Summary

CVE	CVE-2021-20224
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2022-08-25 20:15:00 UTC
Updated	2023-03-11 23:15:00 UTC
Description	An integer overflow issue was discovered in ImageMagick's ExportIndexQuantum() function in MagickCore/quantum-export

Risk And Classification

Problem Types: CWE-190

NVD Known Affected Configurations (CPE 2.3)

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

References

Reference	Source
outside the range of representable values of type 'unsigned char' (#3... · ImageMagick/ImageMagick@5af1dff · GitHub	MI
outside the range of representable values of type 'unsigned char' by hifoolno · Pull Request #3083 · ImageMagick/ImageMagick · GitHub	MI
[SECURITY] [DLA 3357-1] imagemagick security update	MI
https://github.com/ImageMagick/ImageMagick/pull/3083 · ImageMagick/ImageMagick6@553054c · GitHub	MI
CVE Program record	CV
NVD vulnerability detail	NV

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

180975 Debian Security Update for imagemagick (CVE-2021-20224)

181625 Debian Security Update for imagemagick (DLA 3357-1)

180975 Debian Security Update for imagemagick (CVE-2021-20224)

199045 Ubuntu Security Notification for ImageMagick vulnerabilities (USN-5/36-1)
199524 Ubuntu Security Notification for ImageMagick Vulnerabilities (USN-6200-1)
354798 Amazon Linux Security Advisory for ImageMagick : ALAS2-2023-1971
354809 Amazon Linux Security Advisory for ImageMagick : ALAS-2023-1696
502534 Alpine Linux Security Update for imagemagick
672609 EulerOS Security Update for imagemagick (EulerOS-SA-2023-1318)
673058 EulerOS Security Update for imagemagick (EulerOS-SA-2023-2149)
752561 SUSE Enterprise Linux Security Update for ImageMagick (SUSE-SU-2022:3138-1)
753205 SUSE Enterprise Linux Security Update for ImageMagick (SUSE-SU-2022:3119-1)

© [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](#).

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